

## Rabbit anti-Human, Pig Enolase Polyclonal Antibody | anti-MSE antibody

Polyclonal Antibody to Enolase, Muscle Specific (MSE)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA142845 | Rabbit | Human, Pig | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

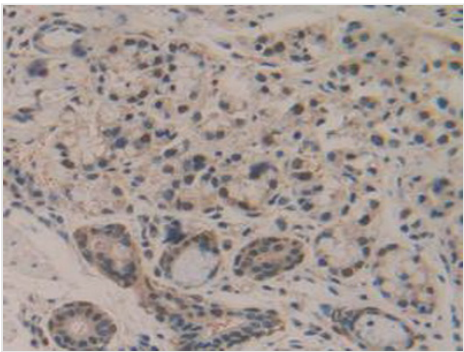
### PRODUCT SYNONYMS

Enolase; Polyclonal Antibody; Polyclonal Antibody to Enolase; Muscle Specific (MSE); anti-MSE antibody

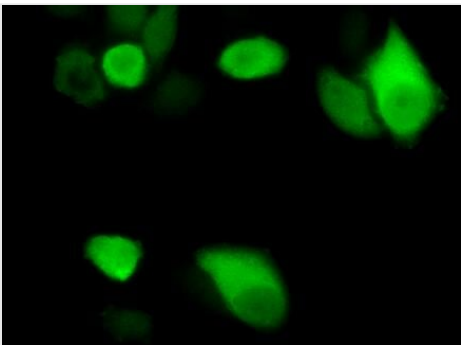
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity                                    | Human, Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity                                   | The antibody is a rabbit polyclonal antibody raised against MSE. It has been selected for its ability to recognize MSE in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purity/Purification                           | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Form/Format                                   | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Concentration                                 | 1mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sequence                                      | Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-MAMQKIFA REILDSRGNP TVEVDLHTAK<br>GRFRAAVPSG ASTGIYEAL LRDGDKGRYL GKAKFGANAI LGVSLAVCKA GAAEKGVPY RHIADLAGNP<br>DLILPVPAFN VINGGSHAGN KLAMQEFMIL PVGASSFKEA MRIGAEVYHH LKGVIAKAYG KDATNVGDEG<br>GFAPNILENN EALELLKTAI QAAGYPDKVV IGMDVAASEF YRNGKYDLDF KSPDDPARHI TGEKLGELYK<br>SFIKNYPVVS IEDPFDQDDW ATWTSFLSGV NIQIVGDDLT VTNP KRIAQA VEKACNCLL LKVNQIGSVT<br>ESIQACKLAQ SNGWGVMSH RSGETEDTFI ADLVVGLCTG QIKTGAPCRS ERLAKYNQLM RIEEALGDKA IF |
| Sequence Length                               | 432                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-MSE antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Fragment                                      | MSE (Met1~Lys391)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Organism Species                              | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Cross Reactivity                              | Human, Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Conjugate                                     | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen                                     | Recombinant MSE (Met1~Lys391) expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Conjugated Antibody                           | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                       | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                               |

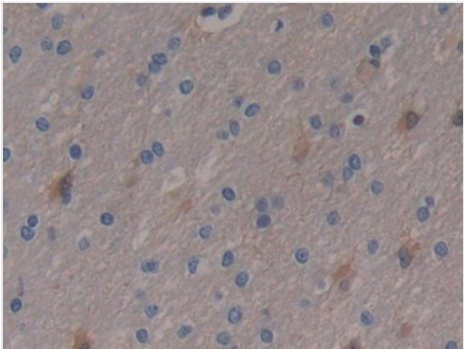
IMAGES



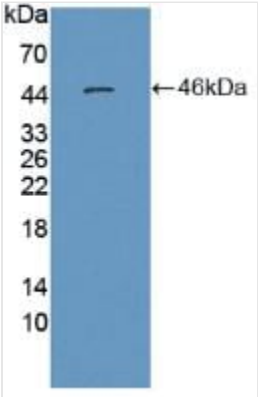
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Stomach Cancer Tissue



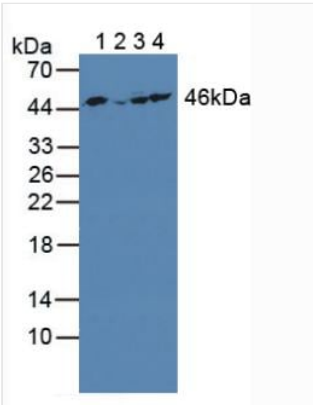
IHC (Immunohistochemistry)  
FITC staining on IHC-P Simple: Hela cells



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Brain Tissue.



WB (Western Blot)  
Western Blot: Sample: Recombinant MSE, Human.



WB (Western Blot)  
Western Blot: Sample: Lane1: Porcine Skeletal Muscle Tissue; Lane2: Human Hela Cells;  
Lane3: Porcine Heart Tissue; Lane4: Human HepG2 Cells.

NCBI AND UNIPROT INFORMATION

|                           |                                                |
|---------------------------|------------------------------------------------|
| NCBI GI #                 | 301897479                                      |
| NCBI GeneID               | 2027                                           |
| NCBI Accession #          | NP_001180432.1                                 |
| NCBI GenBank Nucleotide # | NM_001193503.1                                 |
| UniProt Accession #       | P13929; Q96AE2; B4DUI6; B4DUM6; D3DTL2; E7ENK8 |
| Molecular Weight          | 42,248 Da                                      |

|                                  |                        |
|----------------------------------|------------------------|
| NCBI Official Full Name          | beta-enolase isoform 2 |
| NCBI Official Synonym Full Names | enolase 3              |
| NCBI Official Symbol             | ENO3                   |
| NCBI Official Synonym Symbols    | MSE; GSD13             |
| NCBI Protein Information         | beta-enolase           |
| UniProt Protein Name             | Beta-enolase           |
| UniProt Gene Name                | <b>ENO3</b>            |
| UniProt Synonym Gene Names       | MSE                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/enolase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142845>