

## Rabbit anti-Human, Mouse GSTM2 Polyclonal Antibody | anti-GSTM2 antibody

GSTM2 Antibody

|                               |                       |                                   |                                                           |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA308808</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

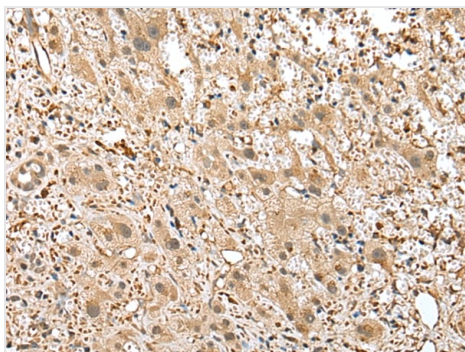
### PRODUCT SYNONYMS

GSTM2; Polyclonal Antibody; GSTM2 Antibody; GST4; GSTM; GTHMUS; GSTM2-2; anti-GSTM2 antibody

### PRODUCT SPECIFICATIONS

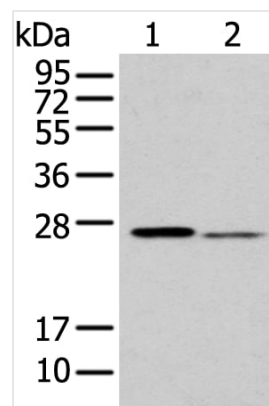
|                                                 |                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------|
| Host                                            | Rabbit                                                          |
| Reactivity                                      | Human, Mouse                                                    |
| Clonality                                       | Polyclonal                                                      |
| Specificity                                     | The antibody detects endogenous levels of total GSTM2 protein.  |
| Purity/Purification                             | Antigen Affinity Purification                                   |
| Form/Format                                     | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                   | 0.9 mg/ml (varies by lot)                                       |
| Sequence Length                                 | 218                                                             |
| Applicable Applications for anti-GSTM2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                   |
| Immunogen                                       | Full length fusion protein of human GSTM2                       |
| Immunogen Type                                  | Protein                                                         |
| Preparation and Storage                         | Store at -20 degree C                                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/25,



#### WB (Western Blot)

Gel: 12%SDS-PAGE Lysate: 40 &#956; g Lane 1-2: Mouse liver tissue and 293T cell  
Primary antibody: 1/200 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 10 seconds

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GSTM2 antibody | Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. This gene encodes a glutathione S-transferase that belongs to the mu class. The mu class of enzymes functions in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione. |
| Product Categories/Family for anti-GSTM2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 4504175                                        |
| NCBI GeneID                      | 2946                                           |
| NCBI Accession #                 | NP_000839.1                                    |
| NCBI GenBank Nucleotide #        | NM_000848.3                                    |
| UniProt Accession #              | P28161; Q2M318; Q5TZY5; Q8WWE1; B4DRY4; E9PEM9 |
| Molecular Weight                 | 22,644 Da                                      |
| NCBI Official Full Name          | glutathione S-transferase Mu 2 isoform 1       |
| NCBI Official Synonym Full Names | glutathione S-transferase mu 2 (muscle)        |
| NCBI Official Symbol             | GSTM2                                          |
| NCBI Official Synonym Symbols    | GST4; GSTM; GTHMUS; GSTM2-2                    |
| NCBI Protein Information         | glutathione S-transferase Mu 2                 |
| UniProt Protein Name             | Glutathione S-transferase Mu 2                 |
| UniProt Gene Name                | GSTM2                                          |
| UniProt Synonym Gene Names       | GST4                                           |
| UniProt Entry Name               | GSTM2_HUMAN                                    |

**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/gstm2-antibody-immunohistochemistry-western-blot-elisa/308808>