

Rabbit ENO3 Polyclonal Antibody | anti-ENO3 antibody

ENO3 Rabbit pAb

CATALOG # AAA281651	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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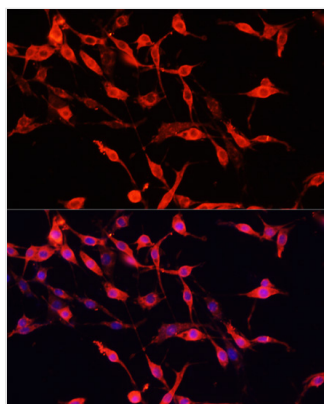
PRODUCT SYNONYMS

ENO3; Polyclonal Antibody; ENO3 Rabbit pAb; GSD13; MSE; enolase 3; anti-ENO3 antibody

PRODUCT SPECIFICATIONS

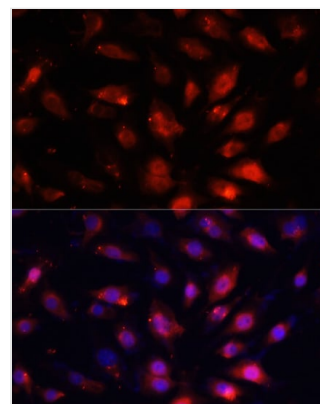
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MAMQKIFARE ILDSRGNPTV EVDLHTAKGR FRAAVPSGAS TGIYEALRLR DGDKGRYLGK GVLKAVENIN NTLGPALLQK KLSVVDQEKV DKFMIELDGT ENKSKFGANA ILGVSLAVCK AGAAEKGVPL YRHIADLAGN PDLILPVPAF NVINGGSHAG NKLAMQEFMI LPVGASSFKE AMRIGAEVYH
Applicable Applications for anti-ENO3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human ENO3 (NP_001967.3).
Cellular Location	Cytoplasm
Positive Samples	Mouse heart, Mouse skeletal muscle, Rat heart, Rat skeletal muscle
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



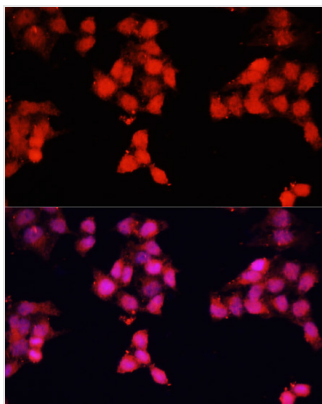
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using ENO3 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



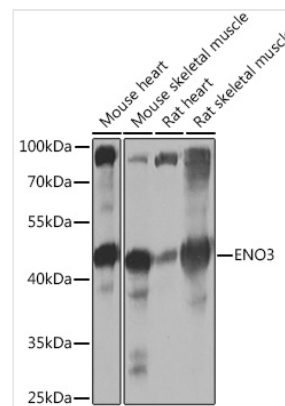
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using ENO3 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ENO3 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ENO3 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-ENO3 antibody	Background: This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme is found in skeletal muscle cells in the adult where it may play a role in muscle development and regeneration. A switch from alpha enolase to beta enolase occurs in muscle tissue during development in rodents. Mutations in this gene have been associated glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been described.
Product Categories/Family for anti-ENO3 antibody	Endocrine & Metabolism ; Carbohydrate metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	425906077
NCBI GeneID	2027
UniProt Accession #	P13929 ; Q96AE2 ; B4DUI6 ; B4DUM6 ; D3DTL2 ; E7ENK8
Molecular Weight	434
NCBI Official Full Name	Beta-enolase
NCBI Official Synonym Full Names	enolase 3 (beta, muscle)
NCBI Official Symbol	ENO3
NCBI Official Synonym Symbols	MSE; GSD13
NCBI Protein Information	beta-enolase; muscle-specific enolase; skeletal muscle enolase; 2-phospho-D-glycerate hydrolyase
UniProt Protein Name	Beta-enolase
UniProt Gene Name	ENO3
UniProt Synonym Gene Names	MSE
UniProt Entry Name	ENOB_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/eno3-antibody-immunofluorescence-western-blot-elisa/281651>