

Rabbit GSTM2 Polyclonal Antibody | anti-GSTM2 antibody

GSTM2 antibody - N-terminal region

CATALOG # AAA198998	HOST Rabbit	REACTIVITY Human, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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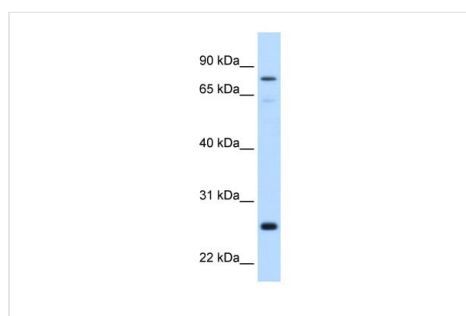
PRODUCT SYNONYMS

GSTM2; Polyclonal Antibody; GSTM2 antibody - N-terminal region; anti-GSTM2 antibody

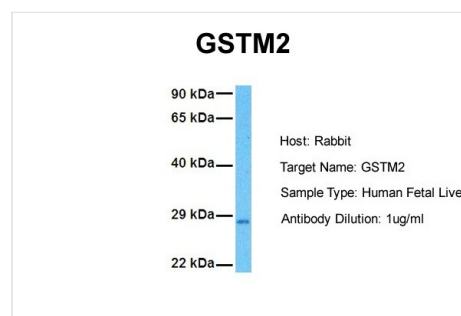
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TQ SNAILRYIAR KHNLCGESEK EQIREDILEN QFMDSRMQLA KLCYDPDF
Sequence Length	218
Applicable Applications for anti-GSTM2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GSTM2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

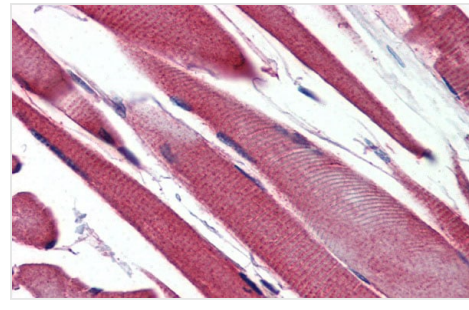
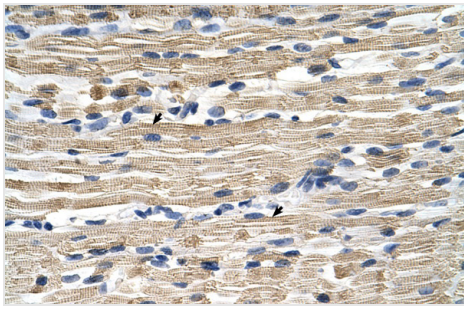
IMAGES


WB (Western Blot)

WB Suggested Anti-GSTM2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver


WB (Western Blot)

Host: Rabbit Target Name: GSTM2 Sample Tissue: Human Fetal Liver Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-GSTM2 Antibody Paraffin Embedded Tissue: Human Muscle Cellular Data:
Skeletal muscle cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

IHC (Immunohistochemistry)

Immunohistochemistry with Human Skeletal Muscle lysate tissue at an antibody concentration of 5.0ug/ml using anti-GSTM2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GSTM2 antibody

This is a rabbit polyclonal antibody against GSTM2. It was validated on Western Blot and immunohistochemistry

Target Description: 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. GSTM2 is 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. 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. The genes encoding the mu class of enzymes are organized in a gene cluster on chromosome 1p13.3 and are known to be highly polymorphic. These genetic variations can change an individual's susceptibility to carcinogens and toxins as well as affect the toxicity and efficacy of certain drugs.

Product Categories/Family for anti-GSTM2 antibody

Polyclonal; Drugs and Drug Metabolism; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504175
NCBI GeneID	2946
NCBI Accession #	NP_000839
NCBI GenBank Nucleotide #	NM_000848
UniProt Accession #	P28161
Molecular Weight	26kDa
NCBI Official Full Name	glutathione S-transferase Mu 2 isoform 1
NCBI Official Synonym Full Names	glutathione S-transferase mu 2
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-western-blot-immunohistochemistry-elisa/198998>