

Rabbit anti-Human GSTM2 Polyclonal Antibody | anti-GSTM2 antibody

GSTM2 Polyclonal Antibody

CATALOG # AAA174958	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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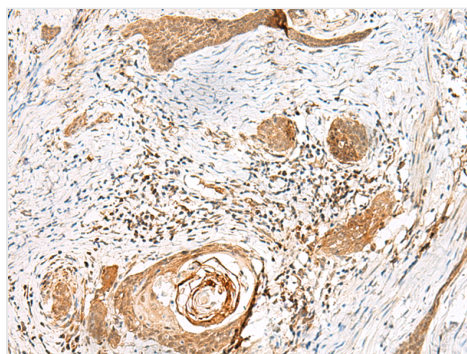
PRODUCT SYNONYMS

GSTM2; Polyclonal Antibody; GSTM2 Polyclonal Antibody; Glutathione S alkyltransferase M2; Glutathione S aralkyltransferase M2; Glutathione S aryltransferase M2; Glutathione S transferase 4; Glutathione S transferase M1; Glutathione S transferase M2 (muscle); Glutathione S transferase Mu 2 (muscle); Glutathione S transferase Mu 2; Glutathione S-transferase Mu 2; GST class mu 2; GST class-mu 2; GST muscle; GST4; GSTM; GSTM2-2; GTHMUS; MGC117303; S (hydroxyalkyl)glutathione lyase M2; anti-GSTM2 antibody

PRODUCT SPECIFICATIONS

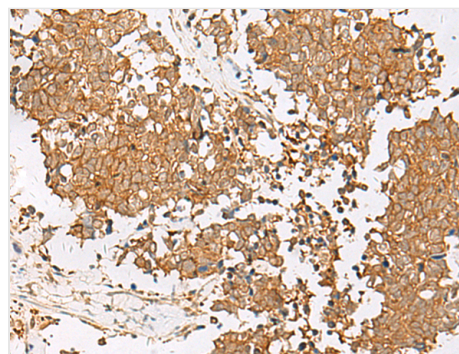
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.44mg/mL (varies by lot)
Sequence Length	191
Applicable Applications for anti-GSTM2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human GSTM2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using GSTM2 Polyclonal Antibody at dilution of 1:50(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using GSTM2 Polyclonal Antibody at dilution of 1:50(×200)

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. 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	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	215277000
NCBI GeneID	2946
NCBI Accession #	NP_001135840.1
NCBI GenBank Nucleotide #	NP_001135840.1
UniProt Accession #	P28161
NCBI Official Full Name	glutathione S-transferase Mu 2 isoform 2
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-immunohistochemistry-elisa/174958>