

Rabbit GSTM1 Polyclonal Antibody | anti-GSTM1 antibody

GSTM1 Antibody

CATALOG # AAA225590	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

GSTM1; Polyclonal Antibody; GSTM1 Antibody; Affinity Purified Rabbit Polyclonal GSTM1 Antibody; Polyclonal GSTM1 antibody; Anti-GSTM1 antibody; GSTM1b-1b antibody; glutathione S-aryltransferase antibody; H-B antibody; S-(hydroxyalkyl)glutathione lyase antibody; glutathione S-transferase M1 antibody; GTH4 antibody; GSTM-1 antibody; GSTM 1; MU-1 antibody; GSTM1a-1a antibody; MGC26563 antibody; HB subunit 4 antibody; glutathione S-aralkyltransferase antibody; GSTM1 antibody; GSTM1-1 antibody; GTM1 antibody; GSTM-1; MU antibody; GSTM 1 antibody; GST1 antibody; anti-GSTM1 antibody

PRODUCT SPECIFICATIONS

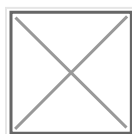
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	218
Applicable Applications for anti-GSTM1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



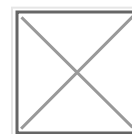
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded NCI-N87 xenograft using GSTM1 antibody at a dilution of 1:100



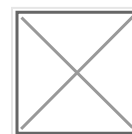
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 12% SDS PAGE gel and GSTM1 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using GSTM1 antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: mouse brain) using a 12% SDS PAGE gel and GSTM1 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-GSTM1 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-GSTM1 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	23065544
NCBI GeneID	2944
NCBI GenBank Nucleotide #	NP_000552.2
UniProt Accession #	P09488
Molecular Weight	21 kDa
NCBI Official Full Name	glutathione S-transferase Mu 1 isoform 1
NCBI Official Synonym Full Names	glutathione S-transferase mu 1
NCBI Official Symbol	GSTM1
NCBI Official Synonym Symbols	MU; H-B; GST1; GTH4; GTM1; MU-1; GSTM1-1; GSTM1a-1a; GSTM1b-1b
NCBI Protein Information	glutathione S-transferase Mu 1
UniProt Protein Name	Glutathione S-transferase Mu 1
UniProt Gene Name	GSTM1
UniProt Synonym Gene Names	GST1
UniProt Entry Name	GSTM1_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://stage.aaabiotech.com/polyclonal/gstm1-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225590>