

Rabbit anti-Human, Mouse GSTM1 / MU Polyclonal Antibody | anti-GSTM1 antibody

Rabbit Polyclonal to Human GSTM1 / MU

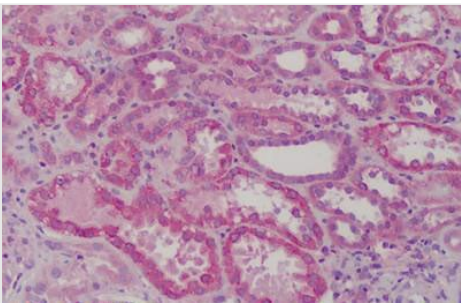
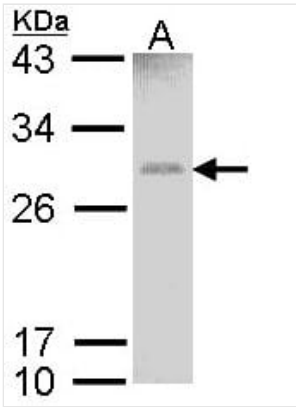
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51698	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

GSTM1 / MU; Polyclonal Antibody; Rabbit Polyclonal to Human GSTM1 / MU; Anti-GSTM1 / MU Antibody IHC-plus; GSTM1; Glutathione S-aryltransferase; GSTM1-1; GSTM1a-1a; GSTM1b-1b; Glutathione S-alkyltransferase; GTH4; GST class-mu 1; GST1; GTM1; H-B; HB subunit 4; MU-1; Glutathione S-transferase M1; Glutathione S-transferase mu 1; GST HB subunit 4; Human GSTM1; MU; anti-GSTM1 antibody

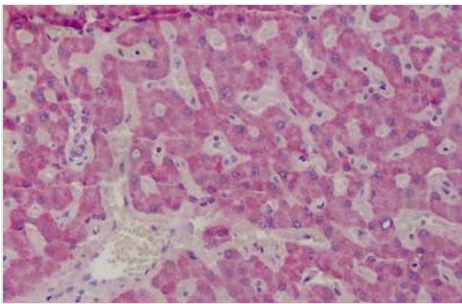
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Human GSTM1. Predicted cross-reactivity based on amino acid sequence homology: mouse (82%), rat (84%), bovine (83%), pig (83%).
Purity/Purification	Immunoaffinity Purified
Form/Format	0.1 M Tris-glycine, pH 7, 20% Glycerol, 0.01% Thimerosal
Concentration	1 mg/ml (varies by lot)
Sequence Length	218
Applicable Applications for anti-GSTM1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 1 and 159 of Human GSTM1.
Immunogen Type	Recombinant protein
Immunogen	GSTM1 / MU antibody was raised against recombinant protein fragment containing a sequence corresponding to a region within amino acids 1 and 159 of Human GSTM1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



IHC (Immunohistochemistry)
Anti-GSTM1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

WB (Western Blot)
Sample (30 ug of whole cell lysate). A: Hela. 12% SDS PAGE. GSTM1 antibody diluted at 1:1000.



IHC (Immunohistochemistry)
Anti-GSTM1 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTM1 antibody	An enzyme responsible for the metabolism of a broad range of toxic compounds. Mutations are correlated with increased risk of lung cancer after exposure to environmental tobacco smoke.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23065544
NCBI GeneID	2944
NCBI Accession #	NP_000552.2
NCBI GenBank Nucleotide #	NM_000561.3
UniProt Accession #	P09488; Q5GHH0; Q6FH88; Q8TC98; Q9UC96
Molecular Weight	21,253 Da
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; HB subunit 4; GST class-mu 1; GST HB subunit 4; glutathione S-transferase M1; glutathione S-aryltransferase; glutathione S-alkyltransferase; glutathione S-alkyltransferase; S-(hydroxyalkyl)glutathione lyase

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-mu-antibody-western-blot-immunohistochemistry-elisa/51698>