

Rabbit GSTM1 Polyclonal Antibody | anti-GSTM1 antibody

GSTM1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179805	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GSTM1; Polyclonal Antibody; GSTM1 Polyclonal Antibody; Glutathione S-transferase Mu 1; EC:2.5.1.18; GST 1-1; GST class-mu 1; Glutathione S-transferase GT8.7; pmGT10; Gstm1; anti-GSTM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GSTM1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Mouse GSTM1 protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.

IMAGES



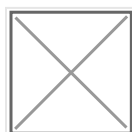
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using GSTM1 Polyclonal Antibody at dilution of 1:200



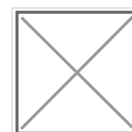
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using GSTM1 Polyclonal Antibody at dilution of 1:200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human kidney using GSTM1 Polyclonal Antibody at dilution of 1:600



WB (Western Blot)

Western blot with GSTM1 Polyclonal antibody at dilution of 1:1000. lane 1: Rat heart

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. Null mutations of this class mu gene have been linked with an increase in a number of cancers, likely due to an increased susceptibility to environmental toxins and carcinogens. Multiple protein isoforms are encoded by transcript variants of this gene.
Product Categories/Family for anti-GSTM1 antibody	Polyclonal Antibodies; Primary Antibodies; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754084
NCBI GeneID	14862
NCBI Accession #	NP_034488.1
NCBI GenBank Nucleotide #	NM_010358.5
UniProt Accession #	P10649
NCBI Official Full Name	glutathione S-transferase Mu 1
NCBI Official Synonym Full Names	glutathione S-transferase, mu 1
NCBI Official Symbol	Gstm1
NCBI Official Synonym Symbols	Gstb1; Gstb-1
NCBI Protein Information	glutathione S-transferase Mu 1
UniProt Protein Name	Glutathione S-transferase Mu 1
UniProt Gene Name	Gstm1
UniProt Entry Name	GSTM1_MOUSE

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-immunofluorescence-immunohistochemistry-western-blot-elisa/179805>