

Rabbit anti-Human GSTM4 Polyclonal Antibody | anti-GSTM4 antibody

GSTM4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323233	Rabbit	Human	Immunohistochemistry, Western Blot

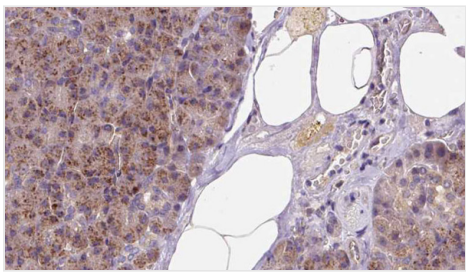
PRODUCT SYNONYMS

GSTM4; Polyclonal Antibody; GSTM4 Antibody; Glutathione S transferase M4; Glutathione S transferase Mu 4; Glutathione S-transferase Mu 4; GST class mu 4; GST class-mu 4; GST-Mu2; GSTM4 4; GSTM4-4; GSTM4_HUMAN; GTM4; GTS Mu2; MGC131945; MGC9247; anti-GSTM4 antibody

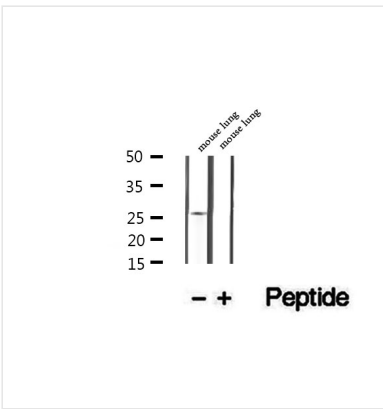
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GSTM4 antibody detects endogenous levels of GSTM4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	218
Applicable Applications for anti-GSTM4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GSTM4.
Subcellular Location	Cytoplasm.
Tissue Specificity	Expressed in a wide variety of tissues.
Predicted Cross Reactivity	Rabbit
Similarity	Rabbit (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323233 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of mouse lung tissue, using GSTM4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTM4 antibody	Function: Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Active on 1-chloro-2, 4-dinitrobenzene. Subunit Structure: Homodimer. Similarity: Belongs to the GST superfamily. Mu family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504179
NCBI GeneID	2948
NCBI Accession #	NP_000841.1
NCBI GenBank Nucleotide #	NM_000850.4
UniProt Accession #	Q03013; Q05465; Q32NC1; Q4JNT8; Q6FH87; A8K765
Molecular Weight	Observed: 26 kDa Predicted: 26 kDa
NCBI Official Full Name	glutathione S-transferase Mu 4 isoform 1
NCBI Official Synonym Full Names	glutathione S-transferase mu 4
NCBI Official Symbol	GSTM4
NCBI Official Synonym Symbols	GTM4; GSTM4-4
NCBI Protein Information	glutathione S-transferase Mu 4
UniProt Protein Name	Glutathione S-transferase Mu 4
UniProt Gene Name	GSTM4

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.