

Rabbit anti-Human GSTM3 Polyclonal Antibody | anti-GSTM3 antibody

GSTM3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323232	Rabbit	Human	Immunohistochemistry, Western Blot

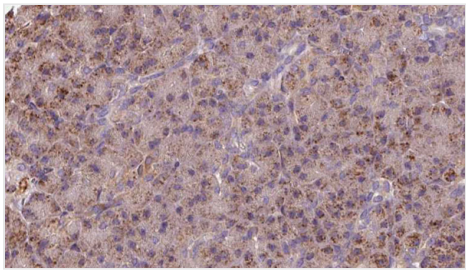
PRODUCT SYNONYMS

GSTM3; Polyclonal Antibody; GSTM3 Antibody; brain GST; brain type mu glutathione S transferase; glutathione S alkyltransferase M3; glutathione S aryltransferase M3; glutathione S transferase M3 (brain); glutathione S transferase M3; Glutathione S transferase Mu 3; glutathione S transferase; Mu 3; Glutathione S-transferase Mu 3; GST class mu 3; GST class-mu 3; GST5; GSTB; Gstm3; GSTM3-3; GSTM3_HUMAN; GTM3; hGSTM3-3; MGC3310; MGC3704; S (hydroxyalkyl)glutathione lyase M3; anti-GSTM3 antibody

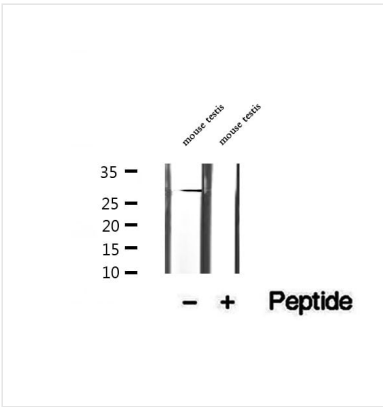
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GSTM3 antibody detects endogenous levels of GSTM3.
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	225
Applicable Applications for anti-GSTM3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GSTM3.
Subcellular Location	Cytoplasm.
Tissue Specificity	Testis and brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (90%), Horse (90%), Sheep (90%), Rabbit (80%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA323232 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 testis tissue, using GSTM3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTM3 antibody	Function: Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. May govern uptake and detoxification of both endogenous compounds and xenobiotics at the testis and brain blood barriers. Subunit Structure: Homodimer. Post-translational Modifications: The N-terminus is blocked. Similarity: Belongs to the GST superfamily. Mu family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	23065552
NCBI GeneID	2947
NCBI Accession #	NP_000840.2
NCBI GenBank Nucleotide #	NM_000849.4
UniProt Accession #	P21266; O60550; Q96HA3
Molecular Weight	Observed: 27-29 kDa Predicted: 27 kDa
NCBI Official Full Name	glutathione S-transferase Mu 3
NCBI Official Synonym Full Names	glutathione S-transferase mu 3
NCBI Official Symbol	GSTM3
NCBI Official Synonym Symbols	GST5; GSTB; GTM3; GSTM3-3
NCBI Protein Information	glutathione S-transferase Mu 3
UniProt Protein Name	Glutathione S-transferase Mu 3
UniProt Gene Name	GSTM3
UniProt Synonym Gene Names	GST5; hGSTM3-3

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.