

Rabbit GSTM3 Polyclonal Antibody | anti-GSTM3 antibody

GSTM3 Polyclonal Antibody

CATALOG # AAA311552	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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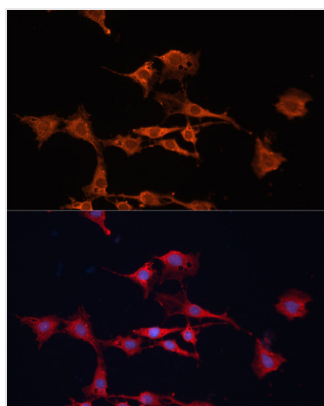
PRODUCT SYNONYMS

GSTM3; Polyclonal Antibody; GSTM3 Polyclonal Antibody; GST5; GSTB; GSTM3-3; GTM3; glutathione S-transferase Mu 3; anti-GSTM3 antibody

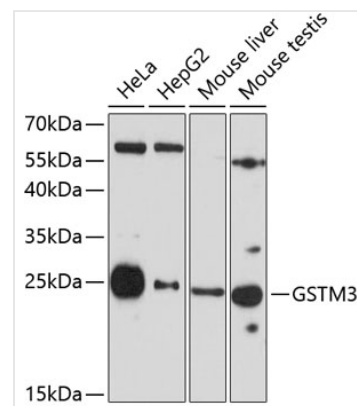
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-GSTM3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human GSTM3 (NP_000840.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using GSTM3 antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GSTM3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTM3 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. Mutations of this class mu gene have been linked with a slight increase in a number of cancers, likely due to exposure with environmental toxins. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-GSTM3 antibody	Total protein Ab

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	26,560 Da
NCBI Official Full Name	glutathione S-transferase Mu 3
NCBI Official Synonym Full Names	glutathione S-transferase mu 3 (brain)
NCBI Official Symbol	GSTM3
NCBI Official Synonym Symbols	GST5; GSTB; GTM3; GSTM3-3
NCBI Protein Information	glutathione S-transferase Mu 3; GST class-mu 3; S-(hydroxyalkyl)glutathione lyase M3; brain GST; brain type mu-glutathione S-transferase; glutathione S-alkyltransferase M3; glutathione S-aralkyltransferase M3; glutathione S-aryltransferase M3; glutathione
UniProt Protein Name	Glutathione S-transferase Mu 3
UniProt Gene Name	GSTM3
UniProt Synonym Gene Names	GST5; hGSTM3-3
UniProt Entry Name	GSTM3_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/gstm3-antibody-immunofluorescence-western-blot-elisa/311552>