

Rabbit anti-Human, Mouse GSTM2 Polyclonal Antibody | anti-GSTM2 antibody

GSTM2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281080	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

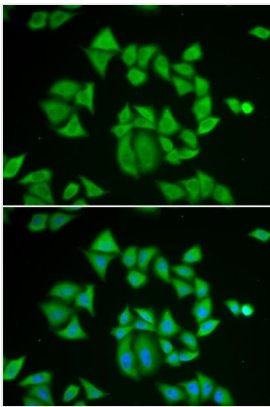
PRODUCT SYNONYMS

GSTM2; Polyclonal Antibody; GSTM2 Polyclonal Antibody; GST4; GSTM; GSTM2-2; GTHMUS; anti-GSTM2 antibody

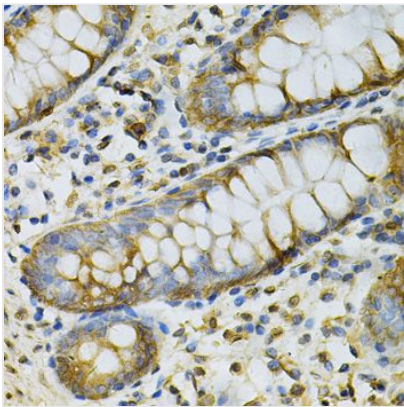
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MPMTLGYWNI RGLAHSIRLL LEYTDSSYEE KKYTMGDAPD YDRSQWLNEK FKLGLDFPNL PYLIDGTHKI TQSNAILRYI ARKHNLCGES EKEQIREDEL ENQFMDSRMQ LAKLCYDPDF EKLKPEYLQA LPEMLKLYSQ FLGKQPWFLG DKITFVDFIA YDVLERNQVF EPSCLDAPFN LKDFISRFEGL EKISAYMKS SRFLPRPVFT KMAVWGNK
Sequence Length	218
Applicable Applications for anti-GSTM2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GSTM2
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

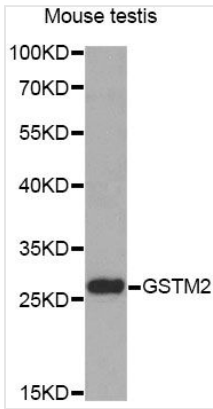
IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using GSTM2 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon using GSTM2 Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of mouse testis, using GSTM2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTM2 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.
Product Categories/Family for anti-GSTM2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504175
NCBI GeneID	2946
NCBI Accession #	NP_000839.1
NCBI GenBank Nucleotide #	NM_000848.3
UniProt Accession #	P28161 ; Q2M318 ; Q5TZY5 ; Q8WWE1 ; B4DRY4 ; E9PEM9

Molecular Weight	Calculated: 22kDa; 25kDa Observed: 27kDa
NCBI Official Full Name	glutathione S-transferase Mu 2 isoform 1
NCBI Official Synonym Full Names	glutathione S-transferase mu 2
NCBI Official Symbol	GSTM2
NCBI Official Synonym Symbols	GST4; GSTM; GTHMUS; GSTM2-2
NCBI Protein Information	glutathione S-transferase Mu 2
UniProt Protein Name	Glutathione S-transferase Mu 2
UniProt Gene Name	GSTM2
UniProt Synonym Gene Names	GST4

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://www.aaabiotech.com/polyclonal/gstm2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281080>