

Rabbit MGST3 Polyclonal Antibody | anti-MGST3 antibody

MGST3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201013	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish	Western Blot

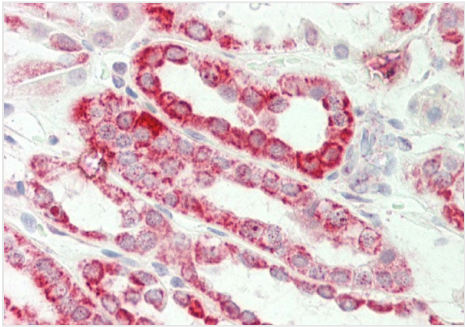
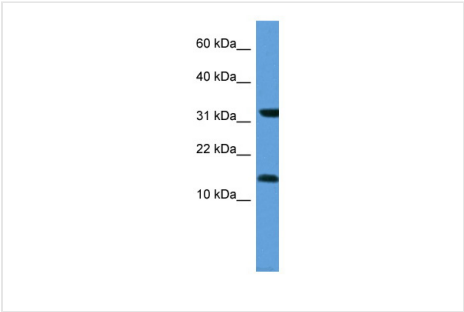
PRODUCT SYNONYMS

MGST3; Polyclonal Antibody; MGST3 antibody - N-terminal region; anti-MGST3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: LA INVSKARKKY KVEYPIMYST DPENGHIFNC IQRAHQNTLE VYPPFLFF
Sequence Length	152
Applicable Applications for anti-MGST3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Goat: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MGST3
Protein Size (# AA)	152 amino acids
Blocking Peptide	For anti-MGST3 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-MGST3 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Human heart

IHC (Immunohistochemistry)
Rabbit Anti-MGST3 antibodyFormalin Fixed Paraffin Embedded Tissue: Human KidneyPrimary antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20xExposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-MGST3 antibody	This is a rabbit polyclonal antibody against MGST3. It was validated on Western Blot Target Description: The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, several of which are involved the production of leukotrienes and prostaglandin E, important mediators of inflammation. MAPEG is an enzyme which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4. This enzyme also demonstrates glutathione-dependent peroxidase activity towards lipid hydroperoxides.
Product Categories/Family for anti-MGST3 antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758714
NCBI GeneID	4259
NCBI Accession #	NP_004519
NCBI GenBank Nucleotide #	NM_004528
UniProt Accession #	O14880
Molecular Weight	16kDa
NCBI Official Full Name	microsomal glutathione S-transferase 3
NCBI Official Synonym Full Names	microsomal glutathione S-transferase 3
NCBI Official Symbol	MGST3
NCBI Official Synonym Symbols	GST-III
NCBI Protein Information	microsomal glutathione S-transferase 3
UniProt Protein Name	Microsomal glutathione S-transferase 3
UniProt Gene Name	MGST3
UniProt Synonym Gene Names	Microsomal GST-3
UniProt Entry Name	MGST3_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.

