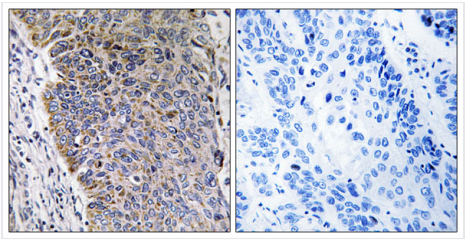
MGST3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MGST3, Polyclonal Antibody
Full Product Name	MGST3 Antibody
Product Gene Name	anti-MGST3 antibody
Product Synonym Names	Microsomal glutathione S-transferase 3; Microsomal GST-3; Microsomal GST-III
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	MGST3 Antibody detects endogenous levels of total MGST3 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	16 kDa
OMIM	AF026977 mRNA
3D Structure	ModBase 3D Structure for O14880
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human MGST3.
Immunogen Range	Aug-57
Applications Tested/Suitable for anti-MGST3 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-MGST3 antibody	IHC: 1:50~1:100 ELISA: 1:10000
Related Product Information for anti-MGST3 antibody	MBS9506509 is an antibody targeting MGST3. Also known as MGST3 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-MGST3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-MGST3 antibody
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using MGST3 Antibody. The picture on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MGST3. It may not necessarily be applicable to this product.

NCBI GI #	4758714
NCBI GeneID	4259
NCBI Accession #	NP_004519.1
UniProt Primary Accession #	O14880
UniProt Secondary Accession #	Q6ICN4; B2R592
UniProt Related Accession #	O14880
GenBank Nucleotide #	NM_004528.3
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
UniProt Protein Name	Microsomal glutathione S-transferase 3
UniProt Synonym Protein Names	Microsomal GST-III
Protein Family	Microsomal glutathione S-transferase
UniProt Gene Name	MGST3
UniProt Synonym Gene Names	Microsomal GST-3
NCBI Protein Information	microsomal glutathione S-transferase 3
NCBI Summary for MGST3	This gene encodes a member of the MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) protein family. Members of this family are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes 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.[provided by RefSeq, May 2011]
UniProt Comments for MGST3	Also functions as a glutathione peroxidase.
Research Articles on MGST3	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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