

MGST3 rabbit pAb**Cat#: orb769116 (Manual)**

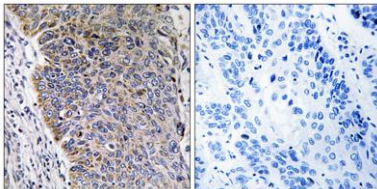
For research use only. Not intended for diagnostic use.

Product Name	MGST3 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MGST3. AA range:8-57
Specificity	MGST3 Polyclonal Antibody detects endogenous levels of MGST3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Microsomal glutathione S-transferase 3
Gene Name	MGST3
Cellular localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Microsome membrane ; Multi-pass membrane protein . Microsome membrane ; Lipid-anchor . Membrane .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	4259
Human Swiss-Prot Number	O14880
Alternative Names	MGST3; Microsomal glutathione S-transferase 3; Microsomal GST-3; Microsomal GST-III

Background

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],



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