

Summary

Production Name	MGST3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MGST3
Alternative Names	MGST3; Microsomal glutathione S-transferase 3; Microsomal GST-3; Microsomal GST-III
Gene ID	4259.0
SwissProt ID	O14880.The antiserum was produced against synthesized peptide derived from human MGST3. AA range:8-57

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:10000
Molecular Weight	

Background

Product Name: MGST3 Rabbit Polyclonal Antibody
Catalog #: APRab13875

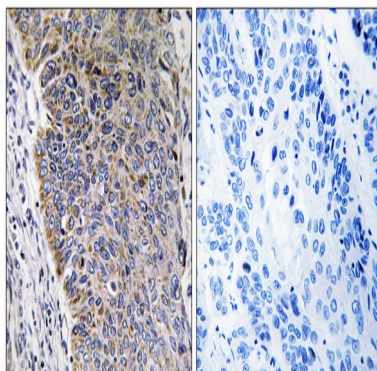


This gene encodes a member of the MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) protein family. Members of this family are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes an enzyme which catalyzes the 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],catalytic activity:RX + glutathione = HX + R-S-glutathione.,function:Also functions as a glutathione peroxidase.,similarity:Belongs to the MAPEG family.,tissue specificity:Predominantly expressed in heart, skeletal muscle, and adrenal cortex. Also found in brain, placenta, liver, kidney, pancreas, thyroid, testis and ovary. Almost absent in lung, thymus and peripheral blood leukocytes.,

Research Area

Glutathione metabolism;Metabolism of xenobiotics by cytochrome P450;Drug metabolism;

Image Data



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

Note

For research use only.