
Product Name: MGST2 Rabbit Polyclonal Antibody**Catalog #: APRab13874**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight	17kDa

Antigen Information

Gene Name	MGST2
Alternative Names	MGST2; GST2; Microsomal glutathione S-transferase 2; Microsomal GST-2; Microsomal GST-II
Gene ID	4258.0
SwissProt ID	Q99735
Immunogen	Synthesized peptide derived from MGST2 . at AA range: 370-450

Background

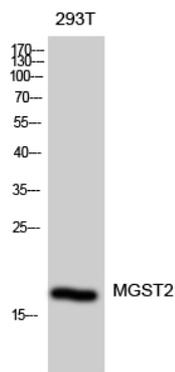
The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins,

several of which are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes a protein which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Feb 2011],catalytic activity:RX + glutathione = HX + R-S-glutathione.,function:Can catalyze the production of LTC4 from LTA4 and reduced glutathione. Can catalyze the conjugation of 1-chloro-2,4-dinitrobenzene with reduced glutathione.,similarity:Belongs to the MAPEG family.,subunit:Homotrimer.,tissue specificity:Liver, spleen, skeletal muscle, heart, adrenals, pancreas, prostate, testis, fetal liver, and fetal spleen. Very low expression in lung, brain, placenta and bone marrow.,

Research Area

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

Image Data



Western Blot analysis of 293T cells using MGST2 Polyclonal Antibody diluted at 1:2000