

## Summary

<b>Production Name</b>	MGST2 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

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

## Immunogen

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

## Application

<b>Dilution Ratio</b>	WB 1:500-2000; ELISA 2000-20000
<b>Molecular Weight</b>	17kD

## Background

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

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**Catalog #: APRab13874**

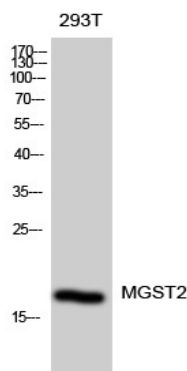


proteins, several of which are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes a protein which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4. Alternatively spliced transcript variants 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

## Note

For research use only.