

MGST1 Polyclonal Antibody

Cat No: HR1AP7350

For research use only

Overview

Product Name	MGST1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	18kDa
GeneID?Human?	MGST1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	MGST1; GST12; MGST; Microsomal glutathione S-transferase 1; Microsomal GST-1; Microsomal GST-I
Background	<p>microsomal glutathione S-transferase 1(MGST1) Homo sapiens The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, two of which are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. Other family members, demonstrating glutathione S-transferase and peroxidase activities, are involved in cellular defense against toxic, carcinogenic, and pharmacologically active electrophilic compounds. This gene encodes a protein that catalyzes the conjugation of glutathione to electrophiles and the reduction of lipid hydroperoxides. This protein is localized to the endoplasmic reticulum and outer mitochondrial membrane where it is thought to protect these membranes from oxidative stress. Several transcript variants, some non-protein coding and some protein coding, have been found for this gene. [provided by RefSeq, May 2012],</p>