

Datasheet for ABIN389225

anti-MGST1 antibody (AA 40-71)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	MGST1
Binding Specificity:	AA 40-71
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MGST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-71 amino acids from the Central region of human MGST1.
Clone:	RB15082
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MGST1
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Target Details

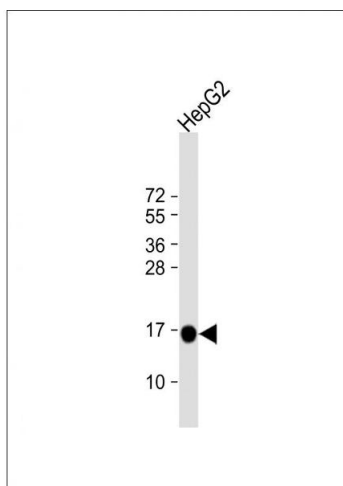
Alternative Name:	MGST1 (MGST1 Products)
Background:	The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, two of which are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. Other family 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.
Molecular Weight:	17599
Gene ID:	4257
NCBI Accession:	NP_001247440 , NP_001247441 , NP_001254527 , NP_064696 , NP_665707 , NP_665734 , NP_665735
UniProt:	P10620

Application Details

Application Notes:	WB: 1:4000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Anti-MGST1 Antibody (Center) at 1:4000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 18 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.