

Datasheet for ABIN926465
anti-MGST1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	MGST1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	MGST1 antibody was raised in rabbit using the N terminal of MGST1 as the immunogen
Purification:	Purified

Target Details

Target:	MGST1
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. MGST1 catalyzes

Target Details

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. Synonyms: Polyclonal MGST1 antibody, Anti-MGST1 antibody, microsomal glutathione S-transferase 1 antibody, GST12 antibody, MGC14525 antibody, MGST antibody, MGST-I antibody.

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	MGST1 Blocking Peptide, catalog no. 33R-6812, is also available for use as a blocking control in assays to test for specificity of this MGST1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. MGST1 antibody (70R-10041) used at 0.2-1 ug/ml to detect target protein.