10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MGST1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50640

Product Information

Application	WB
Primary Accession	P10620
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	17599

Additional Information

Gene ID	4257
Other Names	Microsomal glutathione S-transferase 1, Microsomal GST-1, Microsomal GST-I, MGST1, GST12, MGST
Dilution	WB~~1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	MGST1
Synonyms	GST12, MGST
Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P08011}; Multi-pass membrane protein. Mitochondrion outer membrane {ECO:0000250|UniProtKB:P08011}
Tissue Location	Highly expressed in liver.

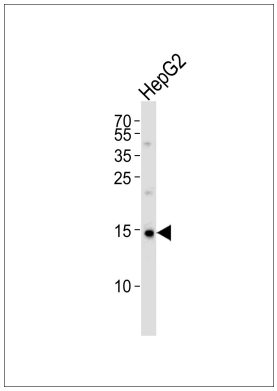
Background

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Has a wide substrate specificity.

References

Dejong J.L.,et al.J. Biol. Chem. 263:8430-8436(1988).
Kelner M.J.,et al.Genomics 36:100-103(1996).
Lee S.H.,et al.Biochim. Biophys. Acta 1446:389-396(1999).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



Western blot analysis of lysate from HepG2 cell line,using MGST1 Antibody(AP50640). AP50640 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.