

产品名称: MGST1 Rabbit Polyclonal Antibody
产品货号: APRab13873



产品概述 (Summary)

产品名称 (Production Name)	MGST1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MGST1
别名 (Alternative Names)	MGST1; GST12; MGST; Microsomal glutathione S-transferase 1; Microsomal GST-1; Microsomal GST-I
基因 ID (Gene ID)	4257.0
蛋白 ID (SwissProt ID)	P10620.The antiserum was produced against synthesized peptide derived from human MGST1. AA range:42-91

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	18kDa

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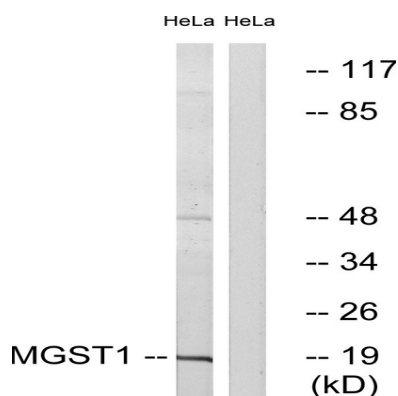
研究背景 (Background)

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. Several transcript variants, some non-protein coding and some protein coding, have been found for this gene. [provided by RefSeq, May 2012], catalytic activity: RX + glutathione = HX + R-S-glutathione., enzyme regulation: Activated by N-ethylmaleimide, except in the testis., function: Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Has a wide substrate specificity., similarity: Belongs to the MAPEG family., subunit: Homotrimer., tissue specificity: Highly expressed in liver.,

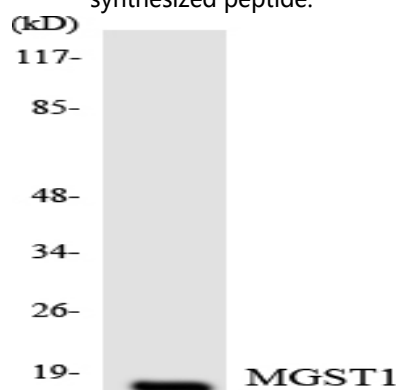
研究领域 (Research Area)

Glutathione metabolism; Metabolism of xenobiotics by cytochrome P450; Drug metabolism;

图片 (Image Data)



Western blot analysis of lysates from HeLa cells, using MGST1 Antibody. The lane on the right is blocked with the synthesized peptide.



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Western blot analysis of the lysates from RAW264.7 cells using MGST1 antibody.

注意事项 (Note)

For research use only .