

Anti-GSTO1 Rabbit Monoclonal Antibody

Catalog # ABO15472

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P78417
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-GSTO1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Rat.

Additional Information

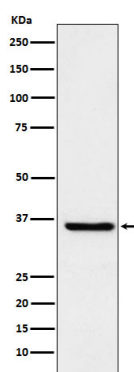
Gene ID	9446
Other Names	Glutathione S-transferase omega-1, GSTO-1, 2.5.1.18, Glutathione S-transferase omega 1-1, GSTO 1-1, Glutathione-dependent dehydroascorbate reductase, 1.8.5.1, Monomethylarsonic acid reductase, MMA(V) reductase, 1.20.4.2, S-(Phenacyl)glutathione reductase, SPG-R, GSTO1, GSTTLP28
Calculated MW	27566
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 20G48
Immunogen	A synthesized peptide derived from human GSTO1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	GSTO1
Synonyms	GSTTLP28

Function	Exhibits glutathione-dependent thiol transferase and dehydroascorbate reductase activities. Has S-(phenacyl)glutathione reductase activity. Also has glutathione S-transferase activity. Participates in the biotransformation of inorganic arsenic and reduces monomethylarsonic acid (MMA) and dimethylarsonic acid.
Cellular Location	Cytoplasm, cytosol.
Tissue Location	Ubiquitous. Highest expression in liver, pancreas, skeletal muscle, spleen, thymus, colon, blood leukocyte and heart Lowest expression in brain, placenta and lung

Images



Western blot analysis of glutathione S transferase Omega 1 expression in HepG2 cell lysate.

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