

KO-Validated Anti-GSTO1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2431

Product Information

Application	WB, FC, ICC
Primary Accession	P78417
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB3120
Calculated MW	27566
Gene Name	GSTO1
Aliases	GSTO1; Glutathione S-Transferase Omega 1; GSTTLp28; P28; Glutathione-Dependent Dehydroascorbate Reductase; Glutathione S-Transferase Omega 1-1; Glutathione S-Transferase Omega-1; S-(Phenacyl)Glutathione Reductase; Monomethylarsonic Acid Reductase; MMA(V) Reductase; EC 2.5.1.18; GSTO 1-1; SPG-R; Epididymis Secretory Protein Li 21; Glutathione-S-Transferase Like; EC 1.20.4.2; EC 1.8.5.1; HEL-S-21; GSTTLP28; GSTO-1
Immunogen	A synthesized peptide derived from human GSTO1

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

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

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