

Rabbit anti-Human, Mouse Glutathione S-transferase omega-2 Polyclonal Antibody | anti-GSTO2 antibody

Rabbit anti-human Glutathione S-transferase omega-2 polyclonal Antibody(GSTO2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119125	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

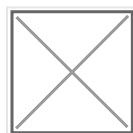
PRODUCT SYNONYMS

Glutathione S-transferase omega-2; Polyclonal Antibody; Rabbit anti-human Glutathione S-transferase omega-2 polyclonal Antibody(GSTO2); GSTO-2; Glutathione S-transferase omega 2-2; GSTO 2-2; Glutathione-dependent dehydroascorbate reductase; Monomethylarsonic acid reductase; MMA(V) reductase; GSTO2; anti-GSTO2 antibody

PRODUCT SPECIFICATIONS

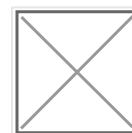
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	209
Applicable Applications for anti-GSTO2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Glutathione S-transferase omega-2 protein (124-243aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160423
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



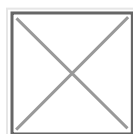
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA119125 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA119125 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: GSTO2 antibody at 3ug/mlLane 1:mouse skeletal muscle tissueLane 2:mouse kidney tissueLane 3:mouse liver tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 29,25,26 kDaObserved band size: 28 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GSTO2 antibody	Exhibits glutathione-dependent thiol transferase activity. Has high dehydroascorbate reductase activity and may contribute to the recycling of ascorbic acid. Participates in the biotransformation of inorganic arsenic and reduces monomethylarsonic acid (MMA).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300360567
NCBI GeneID	119391
NCBI Accession #	NP_001177942.1
NCBI GenBank Nucleotide #	NM_001191013.1
UniProt Accession #	Q9H4Y5; Q49TW5; Q5GM70; Q5JU15; Q86WP3; A8K771; B4DJW6; E7ESD6
Molecular Weight	25,387 Da
NCBI Official Full Name	glutathione S-transferase omega-2 isoform 2
NCBI Official Synonym Full Names	glutathione S-transferase omega 2
NCBI Official Symbol	GSTO2
NCBI Official Synonym Symbols	GSTO 2-2; bA127L20.1
NCBI Protein Information	glutathione S-transferase omega-2
UniProt Protein Name	Glutathione S-transferase omega-2
UniProt Gene Name	GSTO2
UniProt Synonym Gene Names	MMA(V) reductase
UniProt Entry Name	GSTO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glutathione-s-transferase-omega-2-antibody-immunohistochemistry-western-blot-elisa/119125>