

Rabbit GSTO2 Polyclonal Antibody | anti-GSTO2 antibody

GSTO2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328665	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Sheep, Rabbit	Western Blot

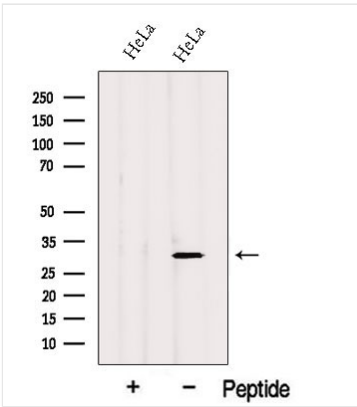
PRODUCT SYNONYMS

GSTO2; Polyclonal Antibody; GSTO2 Antibody; bA127L20.1; glutathione dependent dehydroascorbate reductase; Glutathione S transferase like protein; glutathione S transferase omega 2 2; Glutathione S transferase omega 2; Glutathione S-transferase omega-2; GSTO 2 2; GSTO 2; GSTO-2; GSTO2_HUMAN; MMA(V) reductase; monomethylarsonic acid reductase; novel glutathione S transferase; anti-GSTO2 antibody

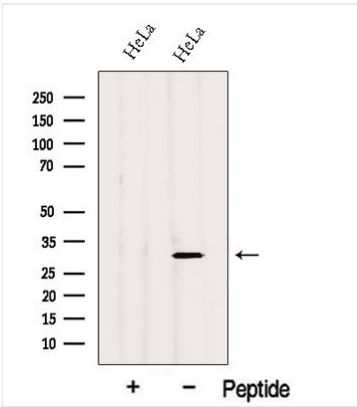
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Sheep, Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	GSTO2 Antibody detects endogenous levels of GSTO2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	209
Applicable Applications for anti-GSTO2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human GSTO2.
Tissue Specificity	Expressed in a range of tissues, including the liver, kidney, skeletal muscle and prostate. Strongest expression in the testis.
Fragment	Fab Fragment
Conjugate	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

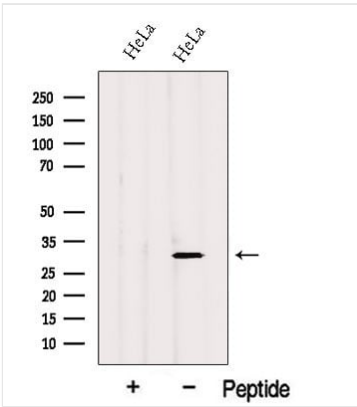
IMAGES



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using GSTO2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Rat brain, using GSTO2 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GSTO2 antibody	Description: 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).
	Similarity: Belongs to the GST superfamily. Omega family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300360567
NCBI GeneID	119391
NCBI Accession #	NP_001177942.1
NCBI GenBank Nucleotide #	NP_001177942.1
UniProt Accession #	Q9H4Y5
Molecular Weight	Observed: 28 kDa Predicted: 29 kDa

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	GSTO-2; GSTO 2-2; 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://www.aaabiotech.com/polyclonal/gsto2-antibody-western-blot-elisa/328665>