

Rabbit anti-Human GSTO1 Polyclonal Antibody | anti-GSTO1 antibody

GSTO1 Antibody (Center)

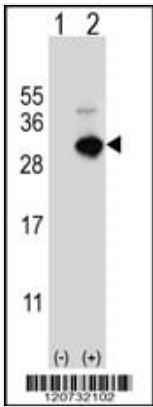
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289890	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

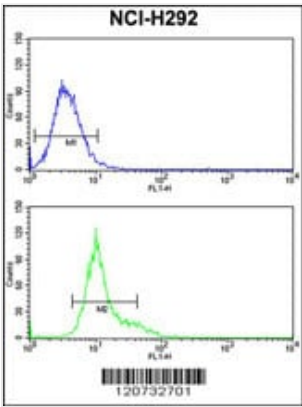
GSTO1; Polyclonal Antibody; GSTO1 Antibody (Center); Glutathione S-transferase omega-1; GSTO-1; Glutathione S-transferase omega 1-1; GSTO 1-1; Glutathione-dependent dehydroascorbate reductase; Monomethylarsonic acid reductase; MMA(V) reductase; S-(Phenacyl)glutathione reductase; SPG-R; GSTTLP28; anti-GSTO1 antibody

PRODUCT SPECIFICATIONS

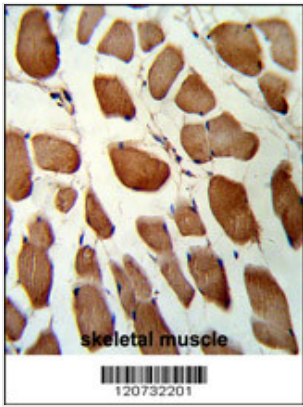
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GSTO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 126-155 amino acids from the Central region of human GSTO1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	126-155
Sequence Length	213
Applicable Applications for anti-GSTO1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



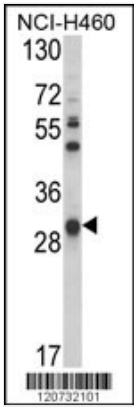
WB (Western Blot)
Western blot analysis of GSTO1 (arrow) using rabbit polyclonal GSTO1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GSTO1 gene.



FCM/FACS (Flow Cytometry)
GSTO1 Antibody (Center) flow cytometry analysis of NCI-H292 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle reacted with GSTO1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of GSTO1 Antibody (Center) in NCI-H460 cell line lysates (35ug/lane). GSTO1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTO1 antibody	GSTO1 is a member of the theta class glutathione S-transferase-like (GSTTL) protein family. In mouse, this protein acts as a small stress response protein, likely involved in cellular redox homeostasis.
References	Wang,Y.H., et.al., Toxicol. Appl. Pharmacol. 241 (1), 111-118 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	300360532
NCBI GeneID	9446
NCBI Accession #	NP_001177931.1; NP_001177932.1; NP_004823.1
NCBI GenBank Nucleotide #	NM_001191002.1
UniProt Accession #	P78417; Q5TA03; Q7Z3T2; D3DRA3; F5H7H0
Molecular Weight	27566
NCBI Official Full Name	glutathione S-transferase omega-1 isoform 2
NCBI Official Synonym Full Names	glutathione S-transferase omega 1

NCBI Official Symbol	GSTO1
NCBI Official Synonym Symbols	P28; SPG-R; GSTO 1-1; GSTTLp28; HEL-S-21
NCBI Protein Information	glutathione S-transferase omega-1
UniProt Protein Name	Glutathione S-transferase omega-1
UniProt Gene Name	GSTO1
UniProt Synonym Gene Names	GSTTLp28; GSTO-1; GSTO 1-1; MMA(V) reductase; SPG-R
UniProt Entry Name	GSTO1_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/gsto1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289890>