

Rabbit anti-Human, mouse GSTO2 Polyclonal Antibody | anti-GSTO2 antibody

GSTO2 Antibody (Center)

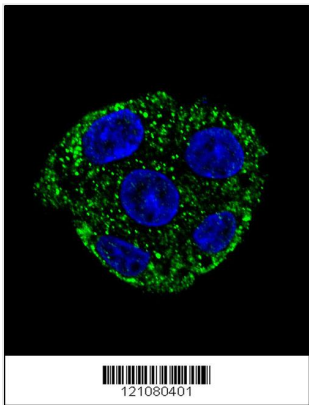
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286763	Rabbit	Human, mouse	Immunofluorescence, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

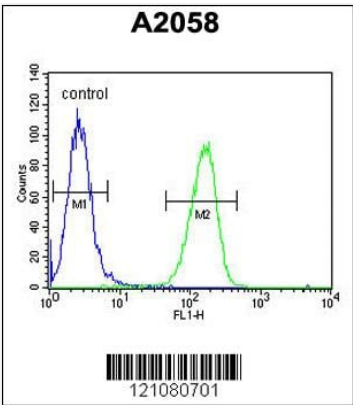
GSTO2; Polyclonal Antibody; GSTO2 Antibody (Center); Glutathione S-transferase omega-2; GSTO-2; Glutathione S-transferase omega 2-2; GSTO 2-2; Glutathione-dependent dehydroascorbate reductase; Monomethylarsonic acid reductase; MMA(V) reductase; anti-GSTO2 antibody

PRODUCT SPECIFICATIONS

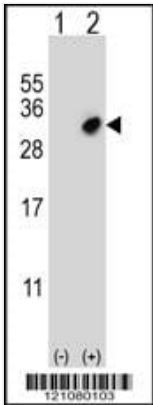
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GSTO2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-110 amino acids from the Central region of human GSTO2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	82-110
Sequence Length	215
Applicable Applications for anti-GSTO2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), 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.



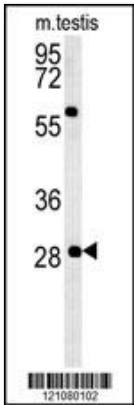
IF (Immunofluorescence)
Confocal immunofluorescent analysis of GSTO2 Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



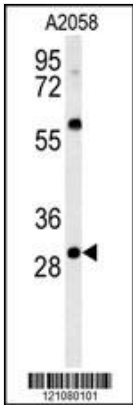
FCM/FACS (Flow Cytometry)
GSTO2 Antibody (Center) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of GSTO2 (arrow) using rabbit polyclonal GSTO2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GSTO2 gene.



WB (Western Blot)
GSTO2 Antibody (Center) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates the GSTO2 antibody detected the GSTO2 protein (arrow).



WB (Western Blot)
GSTO2 Antibody (Center) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the GSTO2 antibody detected the GSTO2 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-GSTO2 antibody	Metabolism; Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300360567
NCBI GeneID	119391
NCBI Accession #	NP_001177942.1; NP_001177943.1; NP_001177944.1; NP_899062.1
NCBI GenBank Nucleotide #	NM_001191013.1
UniProt Accession #	Q9H4Y5; Q49TW5; Q5GM70; Q5JU15; Q86WP3; A8K771; B4DJW6; E7ESD6
Molecular Weight	28254
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-immunofluorescence-flow-cytometry-western-blot-elisa/286763>