Goat Glutathione Peroxidase 1 Polyclonal Antibody | anti-GPX1 antibody

Goat anti-Glutathione Peroxidase 1 (isoform1) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61236	**Goat**	**Tested: Human, Pig; Expected from sequence similarity: Human**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Glutathione Peroxidase 1; Polyclonal Antibody; Goat anti-Glutathione Peroxidase 1 (isoform1) Antibody; glutathione peroxidase 1; HGNC: 4553; GPX1; GSHPX1; MGC14399; MGC88245; glutathione peroxidase 1 antibody; HGNC: 4553 antibody; GPX1 antibody; GSHPX1 antibody; MGC14399 antibody; MGC88245 antibody; Glutathione Peroxidase 1 (isoform1); anti-GPX1 antibody

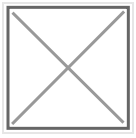
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Pig; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	REALPAPSDD ATA
Sequence Length	203
Applicable Applications for anti-GPX1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-REALPAPSDDATA, from the internal region of the protein sequence according to NP_000572.2.
Epitope	Internal region
Note	This antibody is expected to recognise isoform 1 (NP_000572.2) only.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES

IF (Immunofluorescence)
20ug/ml) staining of PFA-perfused cryosection of Porcin Kidney. Microwave antigen retrieval with citrate buffer pH 3, CY3-staining. Data obtained from Dr. Hrvoje Brzica, University of Zagreb, Croatia

IHC (Immunohiostchemistry)
3.8ug/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
1ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41406084
NCBI GeneID	2876
NCBI Accession #	NP_000572.2
NCBI GenBank Nucleotide #	NM_000581.2
Molecular Weight	10,289 Da
NCBI Official Full Name	glutathione peroxidase 1 isoform 1
NCBI Official Synonym Full Names	glutathione peroxidase 1
NCBI Official Symbol	GPX1
NCBI Official Synonym Symbols	GPXD; GSHPX1
NCBI Protein Information	glutathione peroxidase 1
UniProt Protein Name	Glutathione peroxidase 1
UniProt Gene Name	**GPX1**
UniProt Synonym Gene Names	GPx-1; GSHPx-1
UniProt Entry Name	GPX1_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-peroxidase-1-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61236