

Goat GPX3 Polyclonal Antibody | anti-GPX3 antibody

Goat anti-GPX3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60952	Goat	Tested: Mouse, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GPX3; Polyclonal Antibody; Goat anti-GPX3 Antibody; glutathione peroxidase 3 (plasma); GPx-P; GSHPx-3; GSHPx-P; extracellular glutathione peroxidase; plasma glutathione peroxidase 3; GPX3 antibody; glutathione peroxidase 3 (plasma) antibody; GPx-P antibody; GSHPx-3 antibody; GSHPx-P antibody; extracellular glutathione peroxidase antibody; plasma glutathione peroxidase 3 antibody; anti-GPX3 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Mouse, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig
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	NQFGKQEPGE NSE
Sequence Length	226
Applicable Applications for anti-GPX3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-NQFGKQEPGENSE, from the internal region of the protein sequence according to NP_002075.2.
Epitope	Internal region
Note	This antibody may cross-react with epididymis-specific GPX5 and olfactory epithelium-specific GPX6
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



WB (Western Blot)

1ug/ml staining of Mouse Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6006001
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NCBI GeneID	2878
NCBI Accession #	NP_002075.2
NCBI GenBank Nucleotide #	NM_002084.3
Molecular Weight	25,552 Da
NCBI Official Full Name	glutathione peroxidase 3
NCBI Official Synonym Full Names	glutathione peroxidase 3
NCBI Official Symbol	GPX3
NCBI Official Synonym Symbols	GPx-P; GSHPx-3; GSHPx-P
NCBI Protein Information	glutathione peroxidase 3
UniProt Protein Name	Glutathione peroxidase 3
UniProt Gene Name	GPX3
UniProt Synonym Gene Names	GPXP; GPx-3; GSHPx-3; GPx-P; GSHPx-P
UniProt Entry Name	GPX3_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/gpx3-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/60952>