

Rabbit GPX1 Polyclonal Antibody | anti-GPX1 antibody

GPX1 Polyclonal Antibody

CATALOG # AAA179473	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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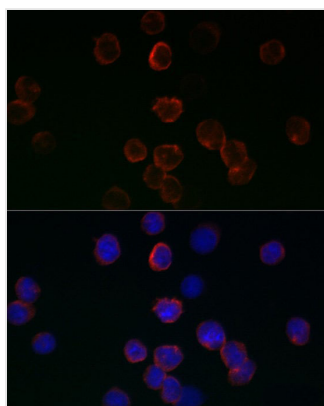
PRODUCT SYNONYMS

GPX1; Polyclonal Antibody; GPX1 Polyclonal Antibody; GPXD; GSHPX1; anti-GPX1 antibody

PRODUCT SPECIFICATIONS

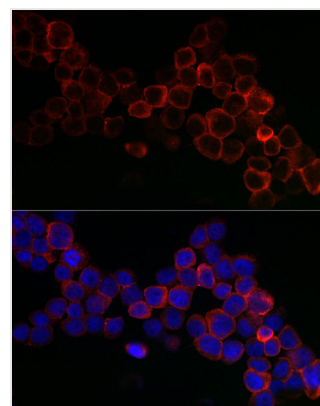
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GPX1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human GPX1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



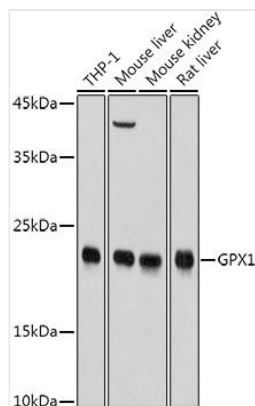
IF (Immunofluorescence)

Immunofluorescence analysis of 293T cells using GPX1 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of THP-1 cells using GPX1 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using GPX1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GPX1 antibody

This gene encodes a member of the glutathione peroxidase family. Glutathione peroxidase functions in the detoxification of hydrogen peroxide, and is one of the most important antioxidant enzymes in humans. This protein is one of only a few proteins known in higher vertebrates to contain selenocysteine, which occurs at the active site of glutathione peroxidase and is coded by UGA, that normally functions as a translation termination codon. In addition, this protein is characterized in a polyalanine sequence polymorphism in the N-terminal region, which includes three alleles with five, six or seven alanine (ALA) repeats in this sequence. The allele with five ALA repeats is significantly associated with breast cancer risk. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Product Categories/Family for anti-GPX1 antibody

[Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	41406084
NCBI GeneID	2876
NCBI Accession #	NP_000572.2
NCBI GenBank Nucleotide #	NM_000581.2
UniProt Accession #	P07203 ; Q7Z5H1 ; Q9BW12 ; E9PAS1
Molecular Weight	22,088 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; GPx-1; GSHPx-1; cellular glutathione peroxidase
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/gpx1-antibody-immunofluorescence-western-blot-elisa/179473>