

Rabbit anti-Human, mouse GPX3 Polyclonal Antibody | anti-GPX3 antibody

GPX3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286760	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

GPX3; Polyclonal Antibody; GPX3 Antibody (Center); Glutathione peroxidase 3; GPx-3; GSHPx-3; Extracellular glutathione peroxidase; Plasma glutathione peroxidase; GPx-P; GSHPx-P; GPXP; anti-GPX3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-123 amino acids from the Central region of human GPX3.
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: 0.4 (varies by lot)
Sequence Positions	93-123
Sequence Length	226
Applicable Applications for anti-GPX3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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.

IMAGES



IHC (Immunohistochemistry)

GPX3 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of GPX3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

GPX3 Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the GPX3 antibody detected the GPX3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GPX3 antibody	This gene product belongs to the glutathione peroxidase family, which functions in the detoxification of hydrogen peroxide. It contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon, which normally signals translation termination. The 3' UTR of Sec-containing genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal.
Product Categories/Family for anti-GPX3 antibody	Crown Antibodies; Cancer; Cell Biology; Metabolism; Signal Transduction
References	Wang, J.Y., et al. Clin. Chim. Acta 411 (19-20), 1432-1436 (2010) : Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Fullerton, J.M., et al. Bipolar Disord 12(5):550-556(2010) Wang, Y., et al. J. Hum. Genet. 55(8):490-494(2010) Mistry, H.D., et al. Placenta 31(5):401-408(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6006001
NCBI GeneID	2878
NCBI Accession #	NP_002075.2
NCBI GenBank Nucleotide #	NM_002084.3
UniProt Accession #	P22352; O43787; Q86W78; Q9NZ74; Q9UEL1
Molecular Weight	25552
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpx3-antibody-immunohistochemistry-western-blot-elisa/286760>