

Rabbit anti-Human, Mouse GPX7 Polyclonal Antibody | anti-GPX7 antibody

GPX7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322980	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GPX7; Polyclonal Antibody; GPX7 Antibody; CL683; FLJ14777; Glutathione peroxidase 7; GPx-7; GPX6; GPX7_HUMAN; GSHPx-7; NPGPx; anti-GPX7 antibody

PRODUCT SPECIFICATIONS

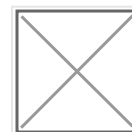
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GPX7 antibody detects endogenous levels of GPX7.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	187
Applicable Applications for anti-GPX7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GPX7.
Subcellular Location	Secreted.
Tissue Specificity	Expressed in esophageal epithelial cells; expression is up-regulated after exposure to acidic bile acids.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (92%), Dog (91%), Chicken (83%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Transfected HEK-293 cells, using GPX7 antibody.



IHC (Immunohistochemistry)

AAA322980 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-GPX7 antibody	Function: It protects esophageal epithelia from hydrogen peroxide-induced oxidative stress. It suppresses acidic bile acid-induced reactive oxygen species (ROS) and protects against oxidative DNA damage and double-strand breaks. Similarity: Belongs to the glutathione peroxidase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15618997
NCBI GeneID	2882
NCBI Accession #	NP_056511.2
NCBI GenBank Nucleotide #	NM_015696.4
UniProt Accession #	Q96SL4; O95337; Q5T501
Molecular Weight	Observed: 21 kDa Predicted: 21 kDa
NCBI Official Full Name	glutathione peroxidase 7
NCBI Official Synonym Full Names	glutathione peroxidase 7
NCBI Official Symbol	GPX7
NCBI Official Synonym Symbols	GPX6; CL683; GPx-7; NPGPx; GSHPx-7
NCBI Protein Information	glutathione peroxidase 7
UniProt Protein Name	Glutathione peroxidase 7
UniProt Gene Name	GPX7
UniProt Synonym Gene Names	GPX6; GPx-7; GSHPx-7

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/gpx7-antibody-immunohistochemistry-western-blot-elisa/322980>