

Rabbit anti-Human HPX Polyclonal Antibody | anti-HPX antibody

HPX Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327114	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

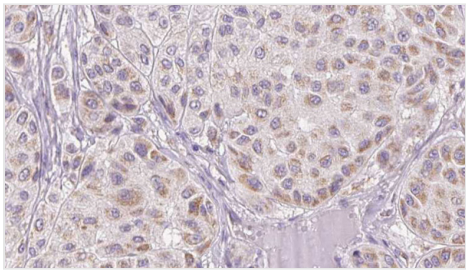
PRODUCT SYNONYMS

HPX; Polyclonal Antibody; HPX Antibody; Beta 1B glycoprotein; Beta-1B-glycoprotein; FLJ56652; HEMO; HEMO_HUMAN; Hemopexin; Hpx; HX; anti-HPX antibody

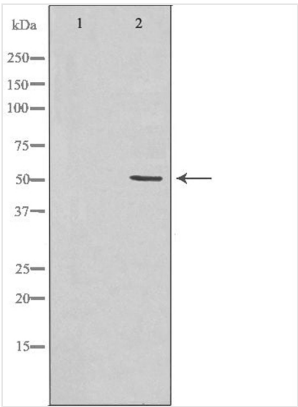
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	HPX antibody detects endogenous levels of total HPX
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	462
Applicable Applications for anti-HPX antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HPX
Subcellular Location	Secreted.
Tissue Specificity	Expressed by the liver and secreted in plasma.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog
Similarity	Pig (100%), Bovine (89%), Horse (89%), Rabbit (89%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327114 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.



WB (Western Blot)
Western blot analysis of Hela cell lysate, using HPX Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HPX antibody	Description: This gene encodes a plasma glycoprotein that binds heme with high affinity. The encoded protein is an acute phase protein that transports heme from the plasma to the liver and may be involved in protecting cells from oxidative stress. Function: Binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation. Subunit Structure: Interacts with HEV ORF3 protein. Interacts with FLVCR1. Post-translational Modifications: N- and O-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans. O-glycosylation in the 30-40 region is minor compared to glycosylation at Thr-24 and Thr-29. Similarity: Belongs to the hemopexin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11321561
NCBI GeneID	3263
NCBI Accession #	NP_000604.1
NCBI GenBank Nucleotide #	NM_000613.2
UniProt Accession #	P02790; B2R957
Molecular Weight	Observed: 51 kDa Predicted: 52 kDa
NCBI Official Full Name	hemopexin
NCBI Official Synonym Full Names	hemopexin
NCBI Official Symbol	HPX
NCBI Official Synonym Symbols	HX
NCBI Protein Information	hemopexin
UniProt Protein Name	Hemopexin
UniProt Gene Name	HPX

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.