

Rabbit anti-Human HEPHL1 Polyclonal Antibody | anti-HEPHL1 antibody

HEPHL1 Antibody (N-term)

CATALOG # AAA288361	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

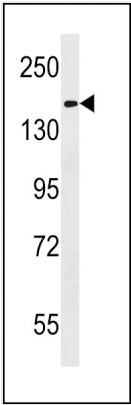
PRODUCT SYNONYMS

HEPHL1; Polyclonal Antibody; HEPHL1 Antibody (N-term); Hephaestin-like protein 1; 1---; anti-HEPHL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This HEPHL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 199-225 amino acids from the N-terminal region of human HEPHL1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	199-225
Sequence Length	1159
Applicable Applications for anti-HEPHL1 antibody	ELISA, WB (Western Blot)
Function	Is a copper-binding glycoprotein with ferroxidase activity. It oxidizes Fe(2+) to Fe(3+) without releasing radical oxygen species (PubMed:31125343). May be involved in the regulation of intracellular iron content (PubMed:31125343).
Cellular Location	Membrane; Single-pass type I membrane protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
HEPHL1 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the HEPHL1 antibody detected the HEPHL1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HEPHL1 antibody	HEPHL1 may function as a ferroxidase and may be involved in copper transport and homeostasis (By similarity).
References	Rose, J. Phd, et al. Mol. Med. (2010) In press :

NCBI AND UNIPROT INFORMATION

NCBI GI #	148886707
NCBI GeneID	341208
NCBI Accession #	NP_001092142.1
NCBI GenBank Nucleotide #	NM_001098672.1
UniProt Accession #	Q6MZM0; Q3C1W7
Molecular Weight	131603
NCBI Official Full Name	hephaestin-like protein 1
NCBI Official Synonym Full Names	hephaestin-like 1
NCBI Official Symbol	HEPHL1
NCBI Protein Information	hephaestin-like protein 1
UniProt Protein Name	Hephaestin-like protein 1
UniProt Gene Name	HEPHL1
UniProt Entry Name	HPHL1_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.