HEPHL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HEPHL1, Polyclonal Antibody
Full Product Name	HEPHL1, NT (HEPHL1, Hephaestin-like protein 1) (MaxLight 750)
Product Gene Name	anti-HEPHL1 antibody
Product Synonym Names	HEPHL1; Hephaestin-like protein 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
3D Structure	ModBase 3D Structure for Q6MZM0
Immunogen	HEPHL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-225 amino acids from the N-terminal region of human HEPHL1.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-HEPHL1 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-HEPHL1 antibody	Western Blot (WB), FLISA
Application Notes for anti-HEPHL1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-HEPHL1 antibody	HEPHL1 may function as a ferroxidase and may be involved in copper transport and homeostasis (By similarity).
Product References and Citations for anti-HEPHL1 antibody	Rose, J. Phd, et al. Mol. Med. (2010).
Other Notes	Small volumes of anti-HEPHL1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HEPHL1 purchase	MBS6306140 is an antibody targeting HEPHL1. Also known as HEPHL1, NT (HEPHL1, Hephaestin-like protein 1) (MaxLight 750). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HEPHL1. It may not necessarily be applicable to this product.

NCBI GI #	148886707
NCBI GeneID	341208
NCBI Accession #	NP_001092142.1
UniProt Primary Accession #	Q6MZM0
UniProt Secondary Accession #	Q3C1W7
UniProt Related Accession #	Q6MZM0
GenBank Nucleotide #	NM_001098672.1
NCBI Official Full Name	hephaestin-like protein 1
NCBI Official Synonym Full Names	hephaestin like 1
NCBI Official Symbol	HEPHL1
UniProt Protein Name	Hephaestin-like protein 1
Protein Family	Hephaestin-like protein
UniProt Gene Name	HEPHL1
UniProt Entry Name	HPHL1_HUMAN
NCBI Protein Information	hephaestin-like protein 1
UniProt Comments for HEPHL1	HEPHL1: May function as a ferroxidase and may be involved in copper transport and homeostasis. Belongs to the multicopper oxidase family. Protein type: Oxidoreductase; Membrane protein, integral; EC 1.-.-.- Chromosomal Location of Human Ortholog: 11q21 Cellular Component: integral to membrane Molecular Function: copper ion binding; ferroxidase activity Biological Process: copper ion transport
Research Articles on HEPHL1	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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