

HEPHL1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18557a**Specification**

HEPHL1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q6MZM0
Other Accession	NP_001092142.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	131603
Antigen Region	199-225

HEPHL1 Antibody (N-term) - Additional Information**Gene ID** 341208**Other Names**

Hephaestin-like protein 1, 1---, HEPHL1

Target/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.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HEPHL1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HEPHL1 Antibody (N-term) - Protein Information**Name** HEPHL1**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

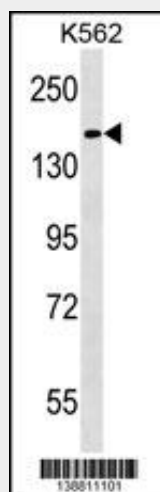
Membrane; Single-pass type I membrane protein

HEPHL1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HEPHL1 Antibody (N-term) - Images



HEPHL1 Antibody (N-term) (Cat. #AP18557a) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the HEPHL1 antibody detected the HEPHL1 protein (arrow).

HEPHL1 Antibody (N-term) - Background

HEPHL1 may function as a ferroxidase and may be involved in copper transport and homeostasis (By similarity).

HEPHL1 Antibody (N-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :