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HEPHL1 Rabbit pAb

Catalog # AP98058

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q6MZM0
Other Accession	Q6MZM0
Predicted	Pig, Human, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	131603
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HEPHL1
Epitope Specificity	101-200/1159
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the multicopper oxidase family. Contains 6 plastocyanin-like domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	341208
Other Names	HJDD; ZP; HPHL1_HUMAN; HEPHL1; Hephaestin-like protein 1; 1.16.3.1; hephaestin like 1; zyklopen
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.