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Ferritin Heavy Chain Rabbit mAb

Catalog # AP77173

Product Information

Application	WB, IHC-P
Primary Accession	P02794
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Ferritin Heavy Chain
Purification	Affinity Chromatography
Calculated MW	21226

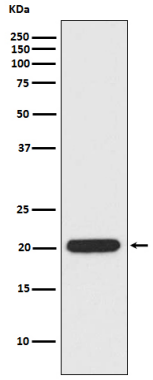
Additional Information

Gene ID	2495
Other Names	FTH1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	FTH1
Synonyms	FTH, FTHL6
Function	Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity (PubMed:9003196). Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation (PubMed:9003196). Also plays a role in delivery of iron to cells (By similarity). Mediates iron uptake in capsule cells of the developing kidney (By similarity). Delivery to lysosomes is mediated by the cargo receptor NCOA4 for autophagic degradation and release of iron (PubMed:24695223, PubMed:26436293).
Cellular Location	Cytoplasm. Lysosome. Cytoplasmic vesicle, autophagosome
Tissue Location	Expressed in the liver.

Images



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