

Recombinant Anti-Ferritin L Rabbit mAb

Catalog # AP95069

Product Information

Application	WB, FC, IP
Primary Accession	P02792
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	20020

Additional Information

Gene ID	2512
Other Names	Ferritin light chain; Ferritin L subunit
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Ferritin L protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IP~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	FTL
Function	Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney (By similarity). Delivery to lysosomes by the cargo receptor NCOA4 for autophagic degradation and release of iron (PubMed: 24695223).
Cellular Location	Cytoplasmic vesicle, autophagosome. Cytoplasm {ECO:0000250 UniProtKB:P29391}. Autolysosome {ECO:0000250 UniProtKB:P29391}

Images

Western blot analysis of Ferritin L expression in HepG2



(A) whole cell lysates. (Predicted band size: 20 kD;
Observed band size: 20 kD)

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