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Anti-FTL / Ferritin Light Chain Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17979

Product Information

Application	WB, IHC-P, E
Primary Accession	P02792
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	20020

Additional Information

Gene ID	2512
Alias Symbol	FTL
Other Names	FTL, Ferritin L subunit, Ferritin L-chain, Ferritin, light polypeptide, Ferritin light chain, NBIA3
Target/Specificity	Human FTL / Ferritin Light Chain
Reconstitution & Storage	Caprylic acid and ammonium sulfate precipitation
Precautions	Anti-FTL / Ferritin Light Chain Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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 or iron (PubMed:24695223).
Cellular Location	Cytoplasmic vesicle, autophagosome. Cytoplasm {ECO:0000250|UniProtKB:P29391}. Autolysosome {ECO:0000250|UniProtKB:P29391}

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