

# Ferritin Light Chain Antibody

Rabbit mAb

Catalog # AP91385

## Product Information

<b>Application</b>	WB, FC, IP
<b>Primary Accession</b>	<a href="#">P02792</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	Ferritin L chain; Ferritin L subunit; Ferritin light chain; Ferritin light polypeptide; ferritin light polypeptide like 3; FTL; LFTD; NBIA 3;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	20020

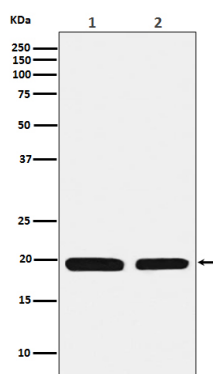
## Additional Information

<b>Dilution</b>	WB 1:1000~1:5000 IP 1:50 FC 1:100
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Ferritin Light Chain
<b>Description</b>	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.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

<b>Name</b>	FTL
<b>Function</b>	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: <a href="#">24695223</a> ).
<b>Cellular Location</b>	Cytoplasmic vesicle, autophagosome. Cytoplasm {ECO:0000250 UniProtKB:P29391}. Autolysosome {ECO:0000250 UniProtKB:P29391}

## Images



Western blot analysis of Ferritin Light Chain expression in (1) HepG2 cell lysate; (2) Mouse liver lysate.

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