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FTL Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8842b

Specification

FTL Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P02792

FTL Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2512

Other Names
Ferritin light chain, Ferritin L subunit, FTL

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8842b was selected from the C-term region of human FTL. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FTL Antibody (C-term) Blocking Peptide - 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).

FTL Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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FTL Antibody (C-term) Blocking Peptide - Images

FTL Antibody (C-term) Blocking Peptide - Background

FTL is the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues.

FTL Antibody (C-term) Blocking Peptide - References

Cozzi,A.,et.al., Neurobiol. Dis. 37 (1), 77-85 (2010)