

Anti-FTH1 Antibody
Rabbit polyclonal antibody to FTH1
Catalog # AP60462

Specification

Anti-FTH1 Antibody - Product Information

Application	WB
Primary Accession	P02794
Other Accession	P09528
Reactivity	Human, Mouse, Rat, Rabbit, Monkey, Drosophila
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21226

Anti-FTH1 Antibody - Additional Information

Gene ID 2495

Other Names

FTH; FTHL6; Ferritin heavy chain; Ferritin H subunit; Cell proliferation-inducing gene 15 protein

Target/Specificity

Recognizes endogenous levels of FTH1 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-FTH1 Antibody - 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: <http://www.uniprot.org/citations/9003196> target="_blank">9003196). Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation (PubMed: <http://www.uniprot.org/citations/9003196> target="_blank">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).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P19130}.

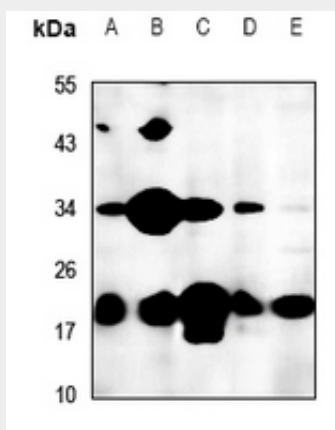
Tissue Location

Expressed in the liver.

Anti-FTH1 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FTH1 Antibody - Images

Western blot analysis of FTH1 expression in LO2 (A), C6 (B), MEF (C), U87MG (D), HepG2 (E) whole cell lysates.

Anti-FTH1 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FTH1. The exact sequence is proprietary.