

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

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**Anti-FTH1 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P02794</a>
Other Accession	<a href="#">P09528</a>
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:<a href="http://www.uniprot.org/citations/9003196" target="\_blank">9003196</a>). Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation (PubMed:<a href="http://www.uniprot.org/citations/9003196" target="\_blank">9003196</a>). 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}.

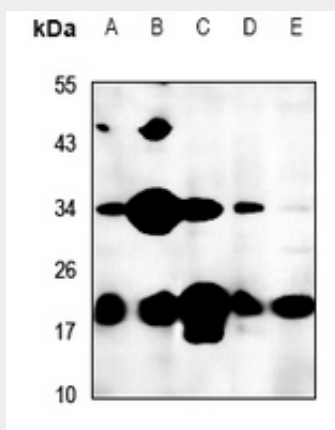
**Tissue Location**

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.