

Ferritin Heavy Chain / FTH1 Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS12621**Specification**

Ferritin Heavy Chain / FTH1 Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P02794
Reactivity	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	21kDa KDa

Ferritin Heavy Chain / FTH1 Antibody (C-Terminus) - Additional Information**Gene ID** 2495**Other Names**

Ferritin heavy chain, Ferritin H subunit, 1.16.3.1, Cell proliferation-inducing gene 15 protein, Ferritin heavy chain, N-terminally processed, FTH1, FTH, FTHL6

Target/Specificity

Human FTH1.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

Ferritin Heavy Chain / FTH1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Ferritin Heavy Chain / FTH1 Antibody (C-Terminus) - 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:9003196). Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation (PubMed: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}.

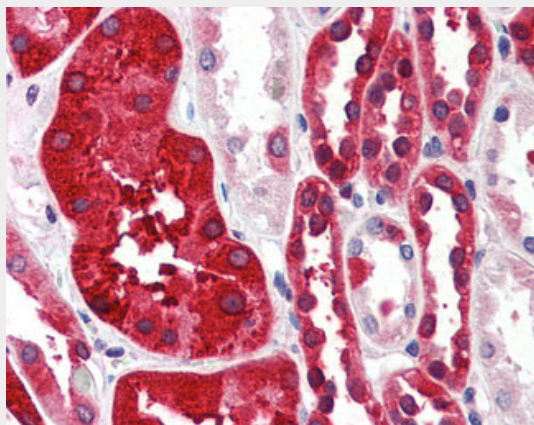
Tissue Location

Expressed in the liver.

Ferritin Heavy Chain / FTH1 Antibody (C-Terminus) - 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](#)

Ferritin Heavy Chain / FTH1 Antibody (C-Terminus) - Images

Anti-FTH1 antibody IHC of human kidney.

Ferritin Heavy Chain / FTH1 Antibody (C-Terminus) - Background

Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. 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).

Ferritin Heavy Chain / FTH1 Antibody (C-Terminus) - References

- Costanzo F.,et al.EMBO J. 3:23-27(1984).
Boyd D.,et al.J. Biol. Chem. 260:11755-11761(1985).
Chou C.-C.,et al.Mol. Cell. Biol. 6:566-573(1986).
Costanzo F.,et al.Nucleic Acids Res. 14:721-736(1986).
Hentze M.W.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:7226-7230(1986).