FTL Rabbit Polyclonal Antibody



CAB1768

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

20KDa

Calculated MW:

20kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Source: Rabbit

Isotype: IgG

Purification:

Affinity purification

Protein Background

This gene encodes 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. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes.

Immunogen information

Gene ID: 2512

2312

Uniprot P02792

Synonyms: FTL; LFTD; NBIA3

Immunogen:

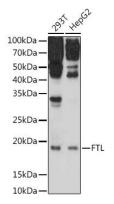
Recombinant fusion protein containing a sequence corresponding to amino acids 1-175 of human FTL (NP_000137.2).

Storage:

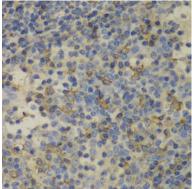
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

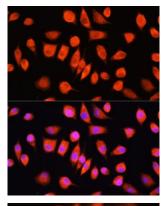
Product Images



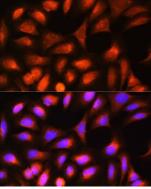
Western blot analysis of extracts of various cell lines, using FTL Rabbit pAb (CAB1768) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human amygdalitis using FTL antibody (CAB1768) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using FTL Rabbit pAb (CAB1768) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using FTL Rabbit pAb (CAB1768) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.