

Datasheet for ABIN2854973

anti-FTL antibody

3 Images



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Overview

Quantity:	100 µL
Target:	FTL
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FTL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Ferritin Light Chain. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to Ferritin Light Chain (ferritin, light polypeptide) Ferritin Light Chain antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	FTL
Alternative Name:	ferritin light chain (FTL Products)

Target Details

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.

Molecular Weight: 20 kDa

Gene ID: 2512

UniProt: [P02792](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HepG2 , mouse liver

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.268 mg/mL

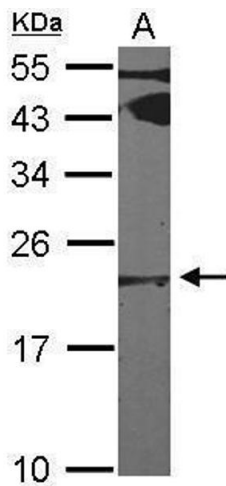
Buffer: 1XPBS (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

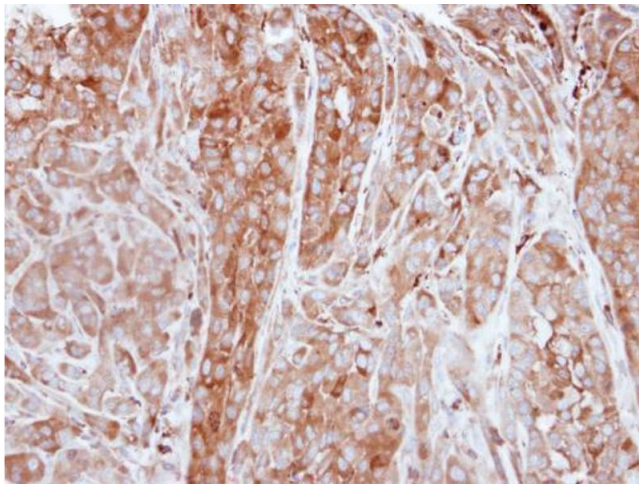
Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



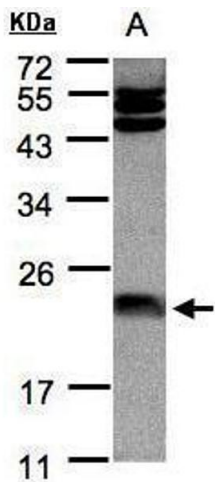
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
NIH-3T3 12% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded A549 xenograft, using FTL, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Sample(30 µg of whole cell lysate)
A:Hep G2, 12% SDS PAGE antibody diluted at 1:1000