

FTL Antibody

Catalog No: #32425

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Description

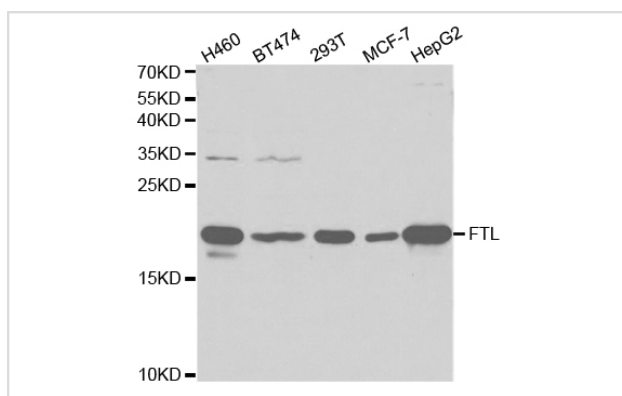
Product Name	FTL Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total FTL protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human FTL.
Target Name	FTL
Other Names	FTL; NBIA3; Ferritinlightchain;
Accession No.	Swiss-Prot:P02792NCBI Gene ID:2512
SDS-PAGE MW	19KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

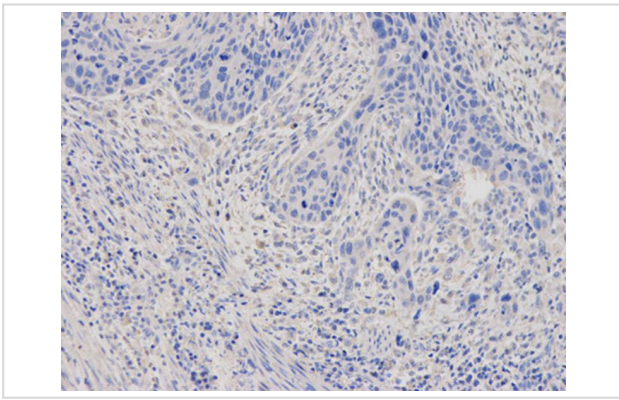
Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:100

Images



Western blot analysis of extracts of various cell lines, using FTL antibody.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer using FTL antibody at dilution of 1:100 (200x lens).

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.