

Rabbit FTL Polyclonal Antibody | anti-FTL antibody

FTL antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200347	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Immunohistochemistry, Western Blot

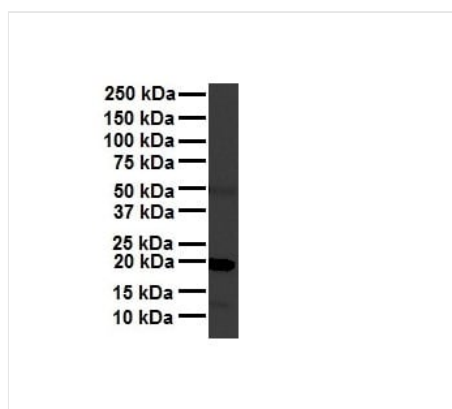
PRODUCT SYNONYMS

FTL; Polyclonal Antibody; FTL antibody - middle region; anti-FTL antibody

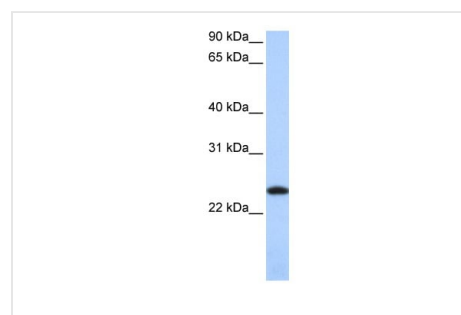
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AL LDLHALGSAR TDPHLCDFLE THFLDEEVKL IKKMGDHLTN LHLRGPE
Sequence Length	175
Applicable Applications for anti-FTL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 79%; Dog: 93%; Guinea Pig: 92%; Horse: 86%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 93%; Rat: 100%; Sheep: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FTL
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

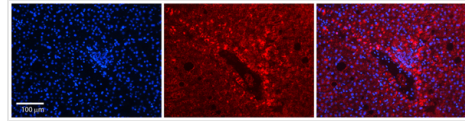
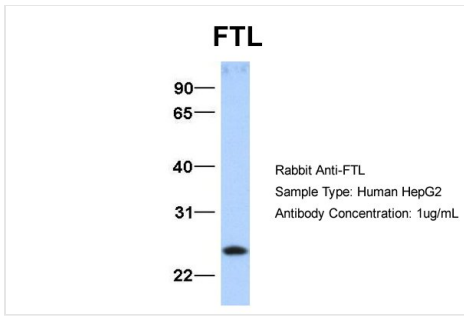
IMAGES


WB (Western Blot)

WB Suggested Anti-FTL antibody Titration: 1 ug/mL Sample Type: Human liver


WB (Western Blot)

WB Suggested Anti-FTL Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate FTL is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



IHC (Immunohistochemistry)

Rabbit Anti-FTL Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult liver
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

WB (Western Blot)

Host: Rabbit
Target Name: FTL
Sample Type: HepG2
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-FTL antibody

This is a rabbit polyclonal antibody against FTL. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: FTL is 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 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. **Publication Note:** This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-FTL antibody

[Polyclonal](#); [Various](#); [Disease Related](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149498
NCBI GeneID	2512
NCBI Accession #	NP_000137
NCBI GenBank Nucleotide #	NM_000146
UniProt Accession #	P02792
Molecular Weight	20kDa
NCBI Official Full Name	ferritin light chain
NCBI Official Synonym Full Names	ferritin light chain
NCBI Official Symbol	FTL
NCBI Official Synonym Symbols	LFTD; NBIA3
NCBI Protein Information	ferritin light chain
UniProt Protein Name	Ferritin light chain
UniProt Gene Name	FTL
UniProt Synonym Gene Names	Ferritin L subunit
UniProt Entry Name	FRIL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ftl-antibody-immunohistochemistry-western-blot-elisa/200347>