

Rabbit FTH1 Polyclonal Antibody | anti-FTH1 antibody

FTH1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200387	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

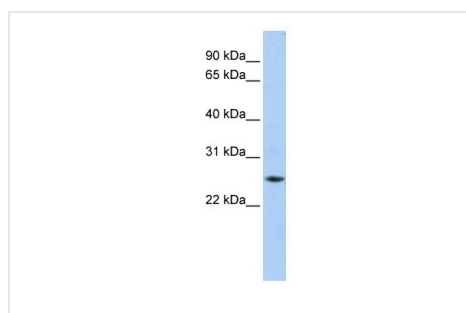
PRODUCT SYNONYMS

FTH1; Polyclonal Antibody; FTH1 antibody - middle region; anti-FTH1 antibody

PRODUCT SPECIFICATIONS

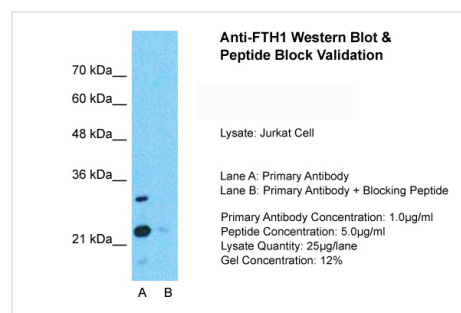
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NV NQSLLELHKL ATDKNDPHLC DFIETHYLNQ QVKAIKELGD HVTNLRKM
Sequence Length	183
Applicable Applications for anti-FTH1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Goat: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FTH1
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



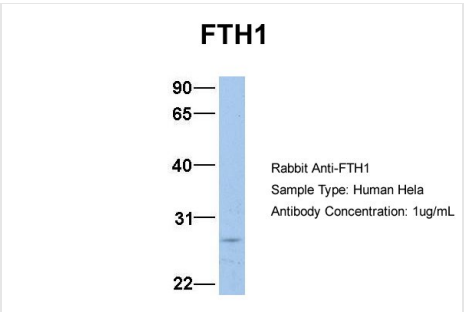
WB (Western Blot)

WB Suggested Anti-FTH1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: Jurkat cell lysate



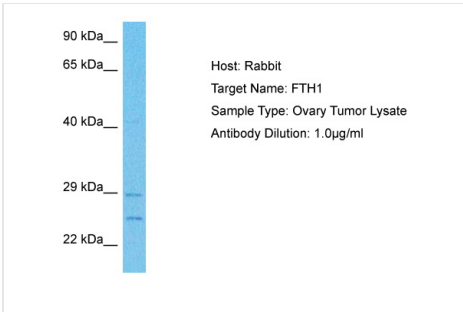
WB (Western Blot)

Host: Rabbit
Target Name: FTH1
Sample Type: Jurkat
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1ug/ml
Peptide Concentration: 5.0ug/ml
Lysate Quantity: 25ug/lane
Gel Concentration: 12%



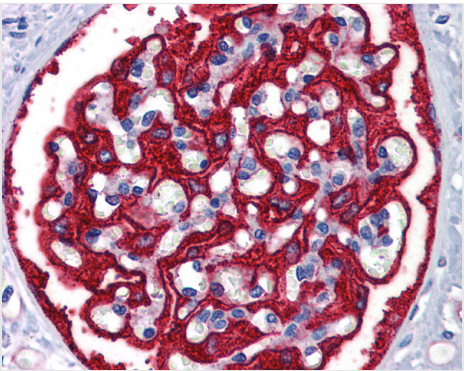
WB (Western Blot)

Host: RabbitTarget Name: FTH1Sample Type: HeLaAntibody Dilution: 1.0ug/mlFTH1 is supported by BioGPS gene expression data to be expressed in HeLa



WB (Western Blot)

Host: RabbitTarget Name: FTH1Sample Tissue: Human Ovary TumorAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Kidney

ADDITIONAL INFORMATION

Related Product Information for anti-FTH1 antibody

This is a rabbit polyclonal antibody against FTH1. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: FTH1 is the heavy subunit of ferritin, 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 ferritin proteins are associated with several neurodegenerative diseases. This gene encodes the heavy subunit of ferritin, 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 ferritin proteins are associated with several neurodegenerative diseases. This gene has multiple pseudogenes. Several alternatively spliced transcript variants have been observed, but their biological validity has not been determined. 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-FTH1 antibody

[Polyclonal](#); [Transcription Factor](#); [Signal Proteins](#); [Chromatin & Nuclear Signaling](#); [Disease Related](#); [DNA/RNA/Protein Interactions](#); [Immunohistochemistry](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	56682959
NCBI GeneID	2495
NCBI Accession #	NP_002023
NCBI GenBank Nucleotide #	NM_002032
UniProt Accession #	P02794
Molecular Weight	21kDa

NCBI Official Full Name	ferritin heavy chain
NCBI Official Synonym Full Names	ferritin heavy chain 1
NCBI Official Symbol	FTH1
NCBI Official Synonym Symbols	FHC; FTH; HFE5; PLIF; FTHL6; PIG15
NCBI Protein Information	ferritin heavy chain
UniProt Protein Name	Ferritin heavy chain
UniProt Gene Name	FTH1
UniProt Synonym Gene Names	FTH; FTHL6; Ferritin H subunit
UniProt Entry Name	FRIH_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fth1-antibody-western-blot-immunohistochemistry-elisa/200387>