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Produktinformation

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- Diagnostik & molekulare Diagnostik
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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FTL Antibody - middle region : FITC (ARP54292_P050-FITC)

Data Sheet

Product Number	ARP54292_P050-FITC
Product Page	www.avivasysbio.com/ftl-antibody-middle-region-fitc-arp54292-p050-fitc.html
Name	FTL Antibody - middle region : FITC (ARP54292_P050-FITC)
Protein Size (# AA)	175 amino acids
Molecular Weight	20kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2512
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ferritin, light polypeptide
Alias Symbols	LFTD, NBIA3
Peptide Sequence	Synthetic peptide located within the following region: ALLDLHALGSARTDPHLCDFLETHFLDEEVKLIKKMGDHLTNLHRLGGPE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Ohta,E., Neurology 70 (16 PT 2), 1493-1494 (2008)
Description of Target	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.
Protein Interactions	USHBP1; SDCBP; MYOG; KPNA3; FTL; FTH1; CEP250; CEP57; AURKA; PACSIN2; COL4A3BP; IGSF8; NAMPT; SMAD9; HTT; VKORC1; PPP1CC; POLR2D; HSPD1; HSP90AB3P; EIF4G1; TOX4; MYOC; UBC; CLEC4G; RAP2A; PIK3CA; GRB2; UCHL5; MPHOSPH6; TAF10; MPP6; IGDCC3; MAP3K12; KNG1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-FTL (ARP54292_P050-FITC) antibody
Blocking Peptide	For anti-FTL (ARP54292_P050-FITC) antibody is Catalog # AAP54292 (Previous Catalog # AAPP31041)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FTL
Uniprot ID	P02792
Protein Name	Ferritin light chain
Sample Type Confirmation	FTL is strongly supported by BioGPS gene expression data to be expressed in HepG2
Protein Accession #	NP_000137

Purification	Affinity Purified
Nucleotide Accession #	NM_000146
Gene Symbol	FTL
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep
Application	WB, IHC
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 93%; Guinea Pig: 92%; Horse: 86%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 93%; Rat: 100%; Sheep: 77%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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Optimal conditions of its use should be determined by end users.

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