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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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Product Number	ARP54619_P050-Biotin
Product Page	www.avivasysbio.com/fth1-antibody-n-terminal-region-biotin-arp54619-p050-biotin.html
Name	FTH1 Antibody - N-terminal region : Biotin (ARP54619_P050-Biotin)
Protein Size (# AA)	183 amino acids
Molecular Weight	21kDa
Conjugation	Biotin
NCBI Gene Id	2495
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ferritin, heavy polypeptide 1
Alias Symbols	FHC, FTH, HFE5, PLIF, FTHL6, PIG15
Peptide Sequence	Synthetic peptide located within the following region: MITASTSQVVRQNYHQDSEAAINRQINLELYASYVYLSMSYYFDRDDVALK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	SDCBP; FTL; FTH1; WDYHV1; CEP57; AURKB; TP53; AURKA; ASB15; ASB16; SUPT16H; SET; MAPK9; MAX; IGSF8; TICAM2; HCVgp1; PIAS4; CDC16; YWHAE; SOX5; MYL3; LBP; KPNA2; GRB2; DAXX; CSNK2B; CDC25A; ATP6V1B1; CD99; SPP1; TRAF4; SUMO2; UBC; Cep55; Trim28; NR113; NR3
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-FTH1 (ARP54619_P050-Biotin) antibody
Blocking Peptide	For anti-FTH1 (ARP54619_P050-Biotin) antibody is Catalog# AAP54619 (Previous Catalog# AAPP31410)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FTH1
Uniprot ID	P02794
Protein Name	Ferritin heavy chain
Sample Type Confirmation	FTH1 is supported by BioGPS gene expression data to be expressed in HCT15
Protein Accession #	NP_002023
Purification	Affinity Purified
Nucleotide Accession #	NM_002032
Gene Symbol	FTH1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Sheep
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Image 1	

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

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

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

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