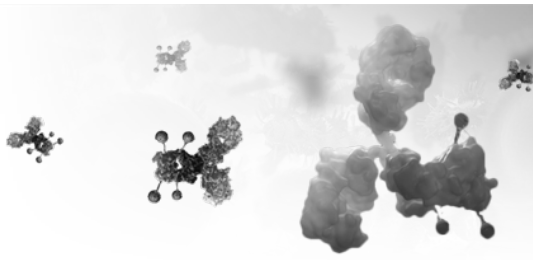

Human FTH1 blocking peptide (CDBP1301)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-FTH1 antibody
Antigen Description	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. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	FTH1 ferritin, heavy polypeptide 1 [Homo sapiens (human)]
Official Symbol	FTH1
Synonyms	FTH1; ferritin, heavy polypeptide 1; FHC; FTH; HFE5; PLIF; FTHL6; PIG15; ferritin heavy

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	chain; apoferritin; ferritin H subunit; placenta immunoregulatory factor; proliferation-inducing protein 15; cell proliferation-inducing gene 15 protein;
Entrez Gene ID	2495
mRNA Refseq	NM_002032.2
Protein Refseq	NP_002023.2
UniProt ID	P02794
Chromosome Location	11q13
Pathway	Binding and Uptake of Ligands by Scavenger Receptors, organism-specific biosystem; Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Iron metabolism in placenta, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Porphyrin and chlorophyll metabol
Function	ferric iron binding; ferroxidase activity; iron ion binding; protein binding;

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