Ferritin polyclonal antibody

Catalog # PAB5009 Size 150 ug

Specification

Product Description	Rabbit polyclonal antibody raised against native ferritin.
Immunogen	Native purified ferritin from human liver.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Native Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should b e handled by trained staff only.

Applications

- Enzyme Immunoassay
- Western Blot

Gene Info — FTH1

Entrez GeneID	2495
Gene Name	FTH1

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Gene Alias	FHC, FTH, FTHL6, MGC104426, PIG15, PLIF
Gene Description	ferritin, heavy polypeptide 1
Omim ID	134770
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the heavy subunit of ferritin, the major intracellular iron storage protein in prok aryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variati on in ferritin subunit composition may affect the rates of iron uptake and release in different tissue s. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in ferriti n proteins are associated with several neurodegenerative diseases. This gene has multiple pseu dogenes. Several alternatively spliced transcript variants have been observed, but their biological validity has not been determined. [provided by RefSeq
Other Designations	apoferritin|placenta immunoregulatory factor|proliferation-inducing protein 15

Gene Info — FTL

Entrez GeneID	2512
Gene Name	FTL
Gene Alias	MGC71996
Gene Description	ferritin, light polypeptide
Omim ID	134790 600886 606159
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron stor age protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light fer ritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and releas e in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic stat e. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by Ref Seq
Other Designations	L apoferritin|ferritin L subunit|ferritin L-chain|ferritin light chain|ferritin light polypeptide-like 3

Pathway

- Porphyrin and chlorophyll metabolism

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Disease

- Alzheimer disease
- Cognition
- Genetic Predisposition to Disease
- Huntington disease
- Lung Neoplasms
- Parkinson disease
- Parkinson disease

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