

# FTH1 polyclonal antibody

Catalog # PAB28067      Size 100 ug

## Specification

|                                |  |
|--------------------------------|--|
| <b>Product Description</b>     | Rabbit polyclonal antibody raised against native FTH1.   |
| <b>Immunogen</b>               | Native purified FTH1 from human spleen.  |
| <b>Host</b>                    | Rabbit   |
| <b>Reactivity</b>              | Human  |
| <b>Form</b>                    | Lyophilized  |
| <b>Isotype</b>                 | IgG  |
| <b>Quality Control Testing</b> | Antibody Reactive Against Native Purified Protein.   |
| <b>Recommend Usage</b>         | ELISA (1:5000 - 1:20000)<br>Western Blot (1:500-1:2000)<br>Immunohistochemistry (1:200-1:1000)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>          | Lyophilized from 20 mM potassium phosphate buffer, 150 mM NaCl, pH 7.2 (0.01% sodium azide)  |
| <b>Storage Instruction</b>     | Store at 4°C on dry atmosphere.<br>After reconstitution with 0.1 mL of deionized water, store at -20°C or lower.<br>Aliquot to avoid repeated freezing and thawing.  |
| <b>Note</b>                    | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |

## Applications

- Western Blot
- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — FTH1

**Entrez GeneID** [2495](#)

**Gene Name** FTH1

**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 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]

**Other Designations** apoferritin|placenta immunoregulatory factor|proliferation-inducing protein 15

## Pathway

- [Porphyrin and chlorophyll metabolism](#)

## Disease

- [Parkinson disease](#)