

## anti- FTH1 antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab10519   |
| Size:         | 100µg   |
| Form:         | liquid  |
| Purification: | Immunogen affinity purified   |
| Purity:       | ≥95% as determined by SDS-PAGE  |
| Host:         | Rabbit  |
| Clonality:    | polyclonal  |
| IsoType:      | IgG   |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

### Background

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.

### Immunogen information

|              |                                    |
|--------------|------------------------------------|
| Immunogen:   | FTH1                               |
| Synonyms:    | FHC, FTH, FTHL6, HFE5, PIG15, PLIF |
| Observed MW: | 20kDa                              |
| Uniprot ID : | P02794                             |

### Application

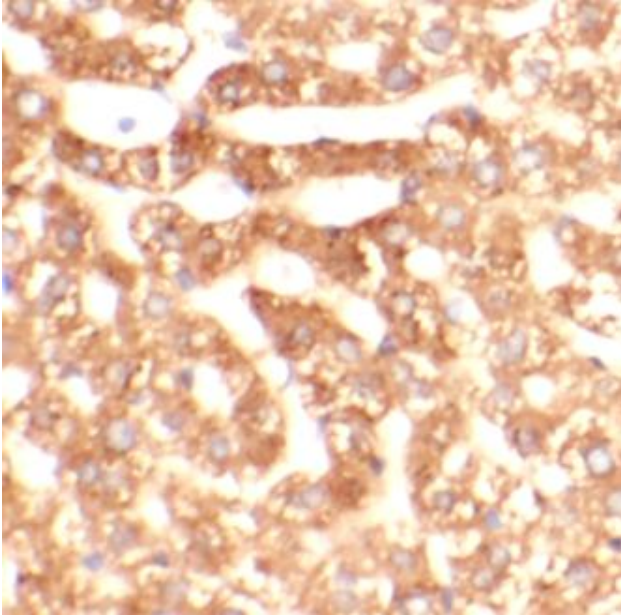
|                     |                   |
|---------------------|-------------------|
| Reactivity:         | Human, Mouse, Rat |
| Tested Application: | ELISA, WB, IHC    |

### Wuhan Fine Biotech Co., Ltd.

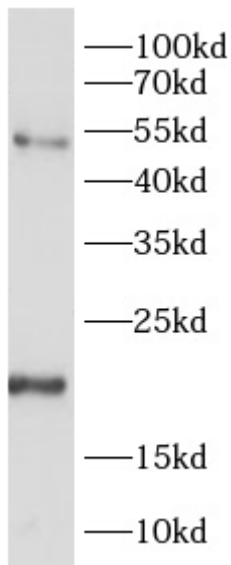
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Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:200

Image:



Immunohistochemistry of paraffin-embedded rat liver slide using FNab10519(FTH1 antibody) at dilution of 1:100



mouse heart were subjected to SDS PAGE followed by western blot with FNab10519(FTH1 antibody) at dilution of 1:1000

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