# ARG64802
# anti-Ferritin Heavy Chain antibody

Package: 100 µg
Store at: -20°C

## Summary

| | |
|---|---|
| Product Description | Goat Polyclonal antibody recognizes Ferritin Heavy Chain |
| Tested Reactivity | Hu |
| Tested Application | IHC-P, WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | Ferritin Heavy Chain |
| Species | Human |
| Immunogen | C-DKHTLGDSDNES |
| Conjugation | Un-conjugated |
| Alternate Names | Cell proliferation-inducing gene 15 protein; HFE5; FHC; PIG15; PLIF; Ferritin H subunit; FTH; Ferritin heavy chain; EC 1.16.3.1; FTHL6 |

## Application Instructions

Application table

| Application | Dilution |
|---|---|
| IHC-P | 2 - 4 µg/ml |
| WB | 1 - 3 µg/ml |

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

## Properties

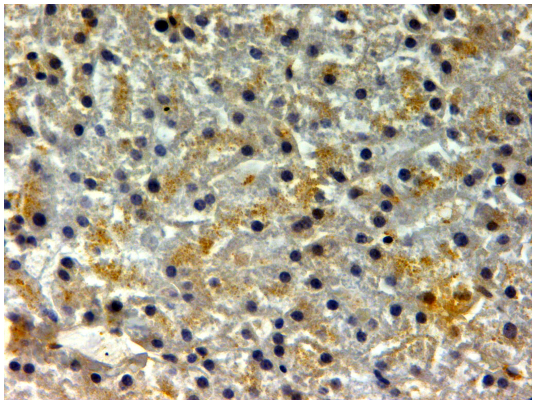
| | |
|---|---|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

| | |
|---|---|
| Note | For laboratory research only, not for drug, diagnostic or other use. |

## Bioinformation

| | |
|---|---|
| Database links | GeneID: 2495 Human<br><br>Swiss-port # P02794 Human |
| 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. [provided by RefSeq, Jul 2008] |
| Research Area | Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody |
| Calculated Mw | 21 kDa |

## Images



ARG64802 anti-Ferritin Heavy Chain antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64802 anti-Ferritin Heavy Chain antibody at 2 µg/ml dilution followed by HRP-staining.


ARG64802 anti-Ferritin Heavy Chain antibody WB image

Western blot: 35 µg of Human placenta lysate (in RIPA buffer) stained with ARG64802 anti-Ferritin Heavy Chain antibody at 1 µg/ml dilution and incubated at RT for 1 hour.