Datasheet for ABIN631142

# anti-FTL antibody (Middle Region)

## 1 Image

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | FTL |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FTL antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | FTL antibody was raised using the middle region of FTL corresponding to a region with amino acids ALLDLHALGSARTDPHLCDFLETHFLDEEVKLIKKMGDHLTNLHRLGGPE |
| Specificity: | FTL antibody was raised against the middle region of FTL |
| Purification: | Affinity purified |

## Target Details

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| Target: | FTL |
| Alternative Name: | FTL |
| Background: | FTL is the light subunit of the ferritin protein. Ferritin is 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 |

## Target Details

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| | release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. |
| Molecular Weight: | 20 kDa (MW of target protein) |
| Pathways: | Transition Metal Ion Homeostasis |

## Application Details

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| Application Notes: | WB: 1 µg/mL<br>Optimal conditions should be determined by the investigator. |
| Comment: | FTL Blocking Peptide, , is also available for use as a blocking control in assays to test for specificity of this FTL antibody |
| Restrictions: | For Research Use only |

## Handling

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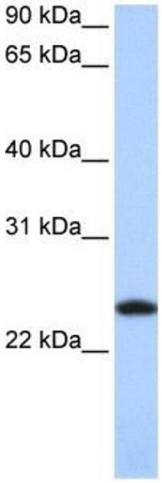
| Format: | Lyophilized |
| Reconstitution: | Lyophilized powder. Add distilled water for a 1 mg/mL concentration of FTL antibody in PBS |
| Concentration: | Lot specific |
| Buffer: | PBS |
| Handling Advice: | Avoid repeated freeze/thaw cycles.<br>Dilute only prior to immediate use. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C. |




**Western Blotting**

**Image 1.** FTL antibody used at 1 ug/ml to detect target protein.