

For Research Use Only

# Ferritin light chain 1 Polyclonal antibody

Catalog Number: 32503-1-AP



## Basic Information

Catalog Number:

32503-1-AP

Size:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_022500.4

GeneID (NCBI):

29292

UNIPROT ID:

P02793

Full Name:

Ferritin light chain 1

Calculated MW:

21 kDa

Observed MW:

21 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:2000-1:12000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : L02 cells, mouse liver tissue, mouse testis tissue, rat liver tissue, rat testis tissue

## Background Information

FTL belongs to the ferritin family. It stores iron in a soluble, non-toxic, readily available form. FTL is important for iron homeostasis. It plays a role in delivery of iron to cells. FTL mediates iron uptake in capsule cells of the developing kidney. Mutation of FTL will cause hereditary hyperferritinemia-cataract syndrome (HHCS) or neurodegeneration with brain iron accumulation type 3 (NBIA3). Ferritin light polypeptide (FTL) and ferritin heavy polypeptide (FTH1) were the main constituents the striatum and cerebellar cortex revealed.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

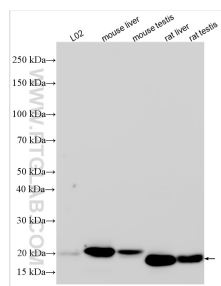
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32503-1-AP (Ferritin light chain 1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.