

For Research Use Only

Ferritin light chain 1 Recombinant antibody

Catalog Number: 84731-7-RR



Basic Information

Catalog Number:

84731-7-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_022500.4

GeneID (NCBI):

29292

UNIPROT ID:

P02793

Full Name:

ferritin, light polypeptide

Calculated MW:

21 kDa

Observed MW:

18-20 kDa

Purification Method:

Protein A purification

CloneNo.:

242299F7

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse testis tissue, mouse liver tissue, rat liver tissue, mouse spleen 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:

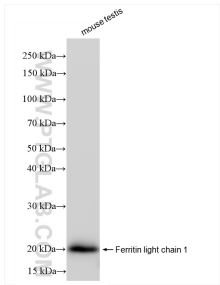
T: 4006900926

E: Proteintech-CN@ptglab.com

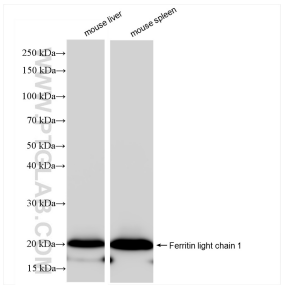
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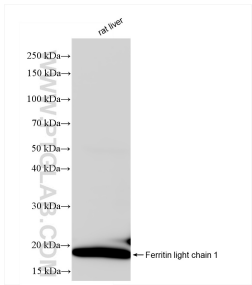
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 84731-7-RR (Ferritin light chain 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 84731-7-RR (Ferritin light chain 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



rat liver tissue were subjected to SDS PAGE followed by western blot with 84731-7-RR (Ferritin light chain 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.