

For Research Use Only

Rat Ferritin light chain 1 Recombinant antibody, PBS Only

Catalog Number: 84731-7-PBS



Basic Information

Catalog Number:

84731-7-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse, rat

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 -80°C.

Storage Buffer:

PBS Only

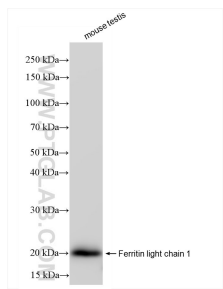
For technical support and original validation data for this product please contact:

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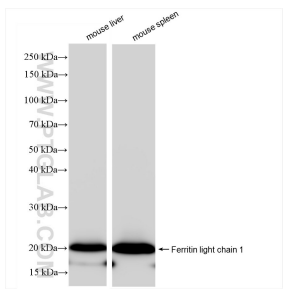
E: proteintech@ptglab.com
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Selected Validation Data



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. This data was developed using the same antibody clone with 84731-7-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 84731-7-PBS in a different storage buffer formulation.