For Research Use Only

Ferritin light chain 1 Polyclonal antibody

Catalog Number:32503-1-AP

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Basic Information

Catalog Number:
32503-1-AP

Size:
150ul , Concentration: 550 ug/ml by Nanodrop;

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.

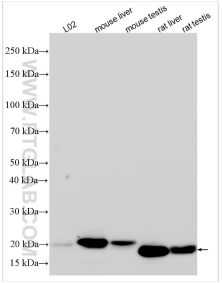
Storage

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

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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.