

For Research Use Only

DNLZ Polyclonal antibody, PBS Only

Catalog Number: 31844-1-PBS



Basic Information

Catalog Number:

31844-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37114

GenBank Accession Number:

BC146915

GeneID (NCBI):

728489

UNIPROT ID:

Q55XM8

Full Name:

DNL-type zinc finger

Calculated MW:

19 kDa

Observed MW:

19 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

DNL-type zinc finger (DNLZ, also known as HEP, ZIM17, TIMM15, and C9orf151) is a nuclear-encoded protein that is translocated to the mitochondria, thus it is located in mitochondrion and nucleoplasm (PMID: 22162012). It may function as a co-chaperone towards HSPA9/mortalin, which enhances HSPA9 solubility and stimulates HSPA9 catalytic activity (PMID: 18632665; 20392697; 21530495).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

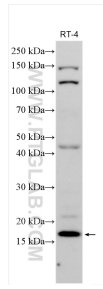
T: 4006900926

E: Proteintech-CN@ptglab.com

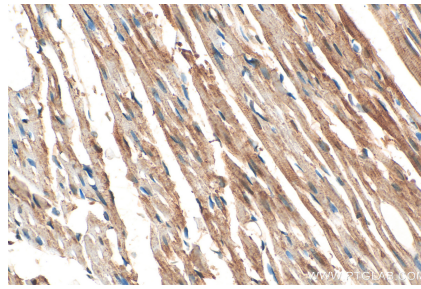
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

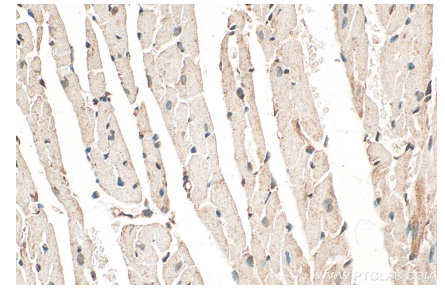
Selected Validation Data



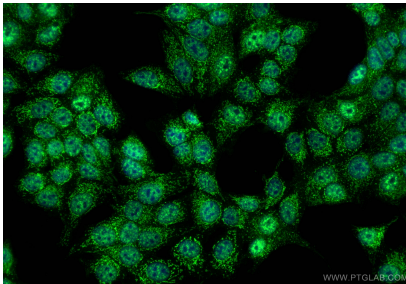
Various lysates were subjected to SDS PAGE followed by western blot with 31844-1-AP (DNLZ antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31844-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 31844-1-AP (DNLZ antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31844-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 31844-1-AP (DNLZ antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31844-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using DNLZ antibody (31844-1-AP) at dilution of 1:200 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 31844-1-PBS in a different storage buffer formulation.