

For Research Use Only

# DNLZ Polyclonal antibody, PBS Only

Catalog Number: 31844-1-PBS



## Basic Information

**Catalog Number:**

31844-1-PBS

**Size:**

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

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG37114

**GenBank Accession Number:**

BC146915

**GeneID (NCBI):**

728489

**UNIPROT ID:**

Q5SXM8

**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.

**Storage Buffer:**

PBS Only

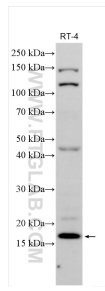
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

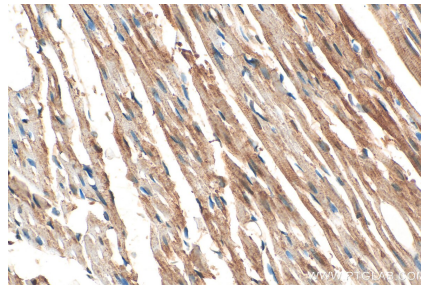
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

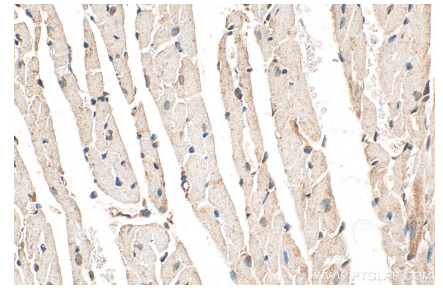
## Selected Validation Data



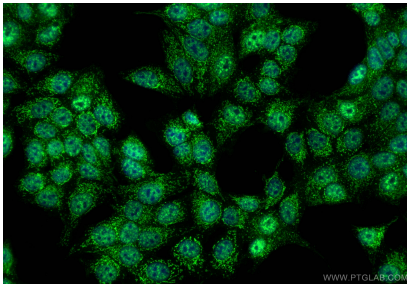
Various lysates were subjected to SDS PAGE followed by western blot with 31844-1-AP (DNLZ antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31844-1-PBS in a different storage buffer formulation.



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.