

For Research Use Only

DNLZ Polyclonal antibody

Catalog Number: 31844-1-AP



Basic Information

Catalog Number: 31844-1-AP	GenBank Accession Number: BC146915	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 728489	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q5SXM8	IHC 1:50-1:500
Isotype: IgG	Full Name: DNL-type zinc finger	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG37114	Calculated MW: 19 kDa	
	Observed MW: 19 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : RT-4 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse heart tissue, rat heart tissue
	IF/ICC : MCF-7 cells,

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

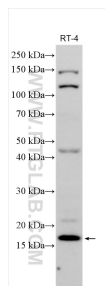
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

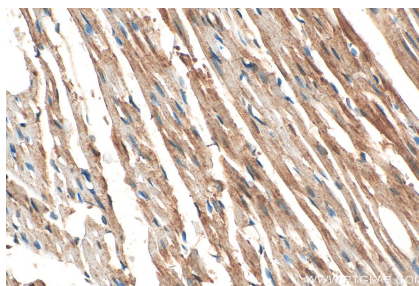
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

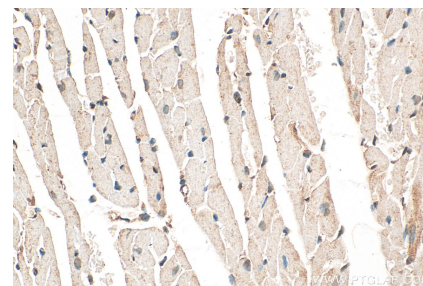
Selected Validation Data



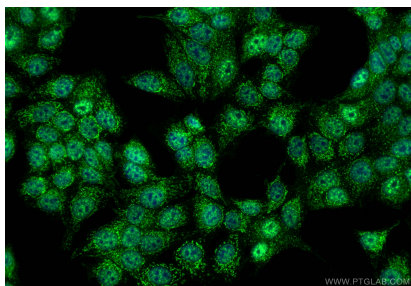
Various lysates were subjected to SDS PAGE followed by western blot with 31844-1-AP (DNLZ antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



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).



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).