

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: 550 ug/ml	GeneID (NCBI): 728489	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q55XM8	
Isotype: IgG	Full Name: DNL-type zinc finger	
Immunogen Catalog Number: AG37114	Calculated MW: 19 kDa	
	Observed MW: 19 kDa	

Applications

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

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

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

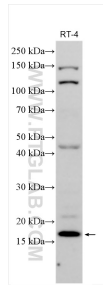
T: 4006900926

E: Proteintech-CN@ptglab.com

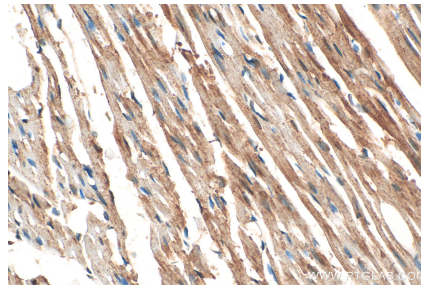
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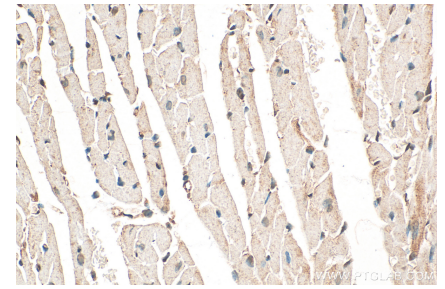
Selected Validation Data



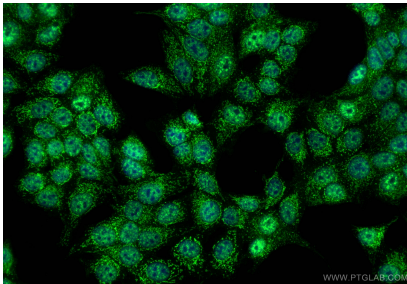
Various lysates were subjected to SDS PAGE followed by western blot with 31844-1-AP (DNLZ antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).