

For Research Use Only

PPP1R12B Polyclonal antibody

Catalog Number: 13366-1-AP **3 Publications**



Basic Information

Catalog Number: 13366-1-AP	GenBank Accession Number: BC034430	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4660	Recommended Dilutions: WB 1:5000-1:20000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: protein phosphatase 1, regulatory (inhibitor) subunit 12B	
Isotype: IgG	Calculated MW: 982 aa, 110 kDa	
Immunogen Catalog Number: AG4185	Observed MW: 110 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : mouse heart tissue, mouse skeletal muscle tissue, rat heart tissue IHC : mouse heart tissue, IF : NIH/3T3 cells,
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: rat, mouse	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Kefu Liu	33096475	EBioMedicine	WB,IF
Tara C Smith	35065666	Skelet Muscle	WB
Eunyoung Lee	38224947	J Biol Chem	IF

Storage

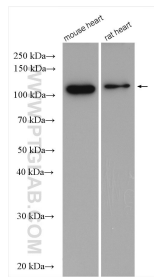
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

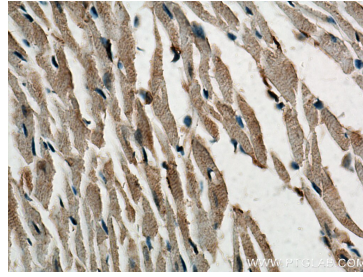
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

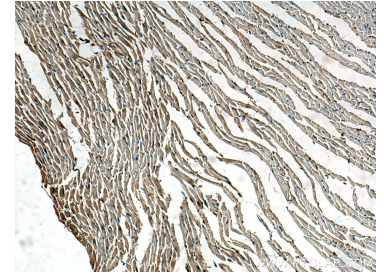
Selected Validation Data



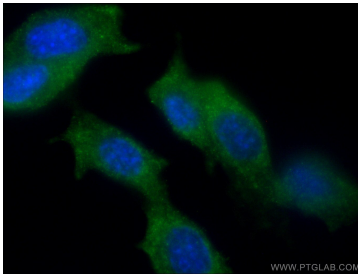
Various lysates were subjected to SDS PAGE followed by western blot with 13366-1-AP (PPP1R12B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 13366-1-AP (PPP1R12B 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 13366-1-AP (PPP1R12B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using 13366-1-AP (PPP1R12B antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).