

For Research Use Only

PPP1R17 Polyclonal antibody

Catalog Number: 27976-1-AP



Basic Information

Catalog Number: 27976-1-AP	GenBank Accession Number: BC028094	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop;	GeneID (NCBI): 10842	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Source: Rabbit	Full Name: chromosome 7 open reading frame 16	
Isotype: IgG	Calculated MW: 155 aa, 18 kDa	
Immunogen Catalog Number: AG15187	Observed MW: 20-30 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : mouse cerebellum tissue, rat cerebellum tissue IF : U2OS cells,

Background Information

PPP1R17, an endogenous substrate for cGMP-dependent protein kinase, exists almost exclusively in cerebellar Purkinje cells, where it is possibly involved in the induction of long-term depression (PMID: 10051666). PPP1R17 inhibits phosphatase activities of protein phosphatase 1 (PP1) and protein phosphatase 2A (PP2A) complexes. Allelic variants increase susceptibility to hypercholesterolemia (PMID: 12955585).

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

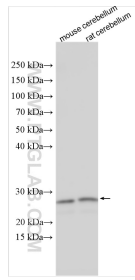
For technical support and original validation data for this product please contact:

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

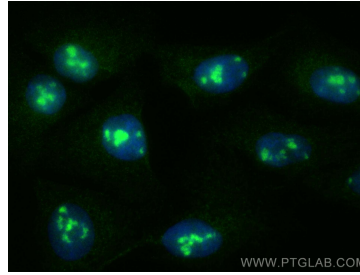
E: proteintech@ptglab.com
W: ptglab.com

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

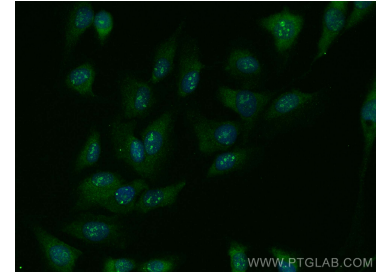
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27976-1-AP (C7orf16 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using PPP1R17 antibody (27976-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using PPP1R17 antibody (27976-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).