

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: 850 µg/ml	GeneID (NCBI): 10842	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: O96001	
Isotype: IgG	Full Name: chromosome 7 open reading frame 16	
Immunogen Catalog Number: AG15187	Calculated MW: 155 aa, 18 kDa	
	Observed MW: 20-30 kDa	

Applications

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

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

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

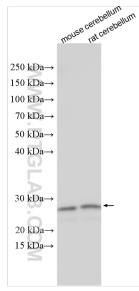
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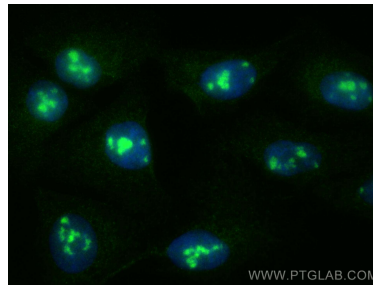
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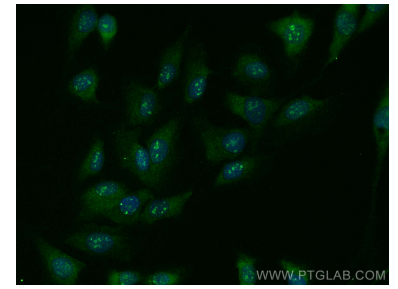
Selected Validation Data



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).