

For Research Use Only

PRDM10 Polyclonal antibody

Catalog Number: 23827-1-AP



Basic Information

Catalog Number: 23827-1-AP	GenBank Accession Number: BC112934	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 ug/ml by Nanodrop and 420 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56980	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	UNIPROT ID: Q9NQV6	
Isotype: IgG	Full Name: PR domain containing 10	
Immunogen Catalog Number: AG20605	Calculated MW: 1156 aa, 131 kDa	
	Observed MW: 120-150 kDa	

Applications

Tested Applications: WB, IP, ELISA	Positive Controls: WB : HEK-293 cells, IP : mouse testis tissue,
Species Specificity: human, mouse	

Background Information

PRDM10 is a member of PRDM family, which contains a PR(PRDI-BF1 and RIZ homology) domain, and PRDM is also a subgroup of PR/SET transcription factor family for its PR domain is similar to the catalytic motif of the SET domain of histone methyltransferase(HMTase). Thus PRDM is suggested involve in the regulation of genome expression and chromatin remodeling. PRDM10 shares characteristics with the PR/SET family and clusters of zinc fingers DNA binding motifs. It's postulated PRDM10 has an essential role in regulating gene expression and tissue differentiation and a gene repressor. It may play a role in the pathogenesis of gangliosidosis.

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)

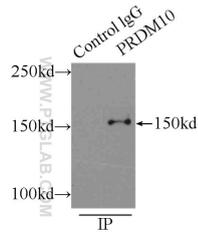
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 23827-1-AP (PRDM10 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-PRDM10 (IP:23827-1-AP, 5ug; Detection:23827-1-AP 1:500) with mouse testis tissue lysate 8000ug.