

For Research Use Only

PRDM10 Polyclonal antibody

Catalog Number: 23827-1-AP



Basic Information

Catalog Number:

23827-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 420 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20605

GenBank Accession Number:

BC112934

GeneID (NCBI):

56980

UNIPROT ID:

Q9NQV6

Full Name:

PR domain containing 10

Calculated MW:

1156 aa, 131 kDa

Observed MW:

120-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HEK-293 cells,

IP : mouse testis tissue,

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)

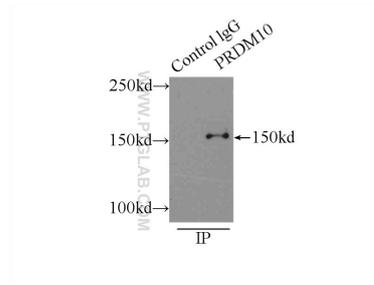
E: proteintech@ptglab.com
W: ptglab.com

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.