

# PRDM10 Polyclonal antibody

Catalog Number: 23827-1-AP

## Basic Information

**Catalog Number:**

23827-1-AP

**Size:**

600 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, 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:**

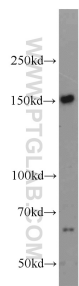
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

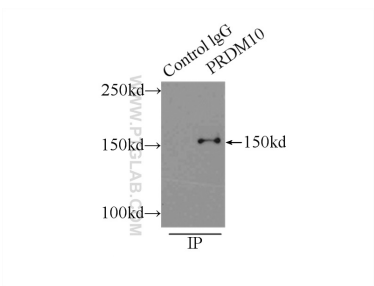
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.