

For Research Use Only

# PRDM4 Polyclonal antibody

Catalog Number: 13792-1-AP



## Basic Information

### Catalog Number:

13792-1-AP

### Size:

150ul , Concentration: 200 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4580

### GenBank Accession Number:

BC035581

### GeneID (NCBI):

11108

### UNIPROT ID:

Q9UKN5

### Full Name:

PR domain containing 4

### Calculated MW:

801 aa, 88 kDa

### Observed MW:

88 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : mouse pancreas tissue, COLO 320 cells

## Background Information

The PRDM family members are characterized by the presence of a PR (positive regulatory) domain and multiple zinc finger (ZnFg) domains. The PR domain defines a family of transcription factors involved in cell differentiation and tumorigenesis. PRDM proteins are either epigenetic modifiers in their own right or else they recruit third party chromatin modifiers - e.g. histone deacetylases (HDACs), histone lysine MTases or histone arginine MTases - to regulate cell type-specific gene expression in various tissues (PRDM4 as an HDAC-associated transcriptional repressor that modulates cell cycle progression).

## 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

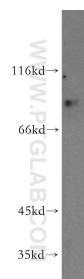
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## Selected Validation Data



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 13792-1-AP (PRDM4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.