

For Research Use Only

# PRDM4 Polyclonal antibody

Catalog Number:13792-1-AP



## Basic Information

<b>Catalog Number:</b> 13792-1-AP	<b>GenBank Accession Number:</b> BC035581	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 200 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 11108	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UKN5	
<b>Isotype:</b> IgG	<b>Full Name:</b> PR domain containing 4	
<b>Immunogen Catalog Number:</b> AG4580	<b>Calculated MW:</b> 801 aa, 88 kDa	
	<b>Observed MW:</b> 88 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse pancreas tissue, COLO 320 cells
<b>Species Specificity:</b> human, mouse, rat	

## 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

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

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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.