

## **Product datasheet for TA331192**

## **PRDM4 Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-PRDM4 antibody: synthetic peptide directed towards the C terminal

of human PRDM4. Synthetic peptide located within the following region:

**GPTSSSSAPEEEEEDDSEEEDLADSVGTEDCRINSAVYSADESLSAHK** 

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 88 kDa

Gene Name: PR domain 4

Database Link: NP 036538

Entrez Gene 11108 Human

Q9UKN5



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Background:

PRDM4 is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis. An elevated expression level of PRDM4 protein has been observed in PC12 cells treated with nerve growth factor, beta polypeptide (NGF). The protein encoded by this gene is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis. An elevated expression level of this gene has been observed in PC12 cells treated with nerve growth factor, beta polypeptide (NGF). This gene is located in a chromosomal region that is thought to contain tumor suppressor genes.

Synonyms: PFM1

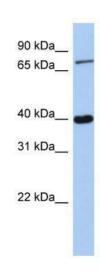
**Note:** Human: 100%; Dog: 93%; Horse: 93%; Mouse: 93%; Rabbit: 92%; Rat: 90%; Yeast: 90%; Bovine:

90%; Zebrafish: 90%; Pig: 86%; Guinea pig: 79%

**Protein Families:** Transcription Factors

**Protein Pathways:** Neurotrophin signaling pathway

## **Product images:**



WB Suggested Anti-PRDM4 Antibody Titration: 0.2-1 ug/ml; Positive Control: 721\_B cell lysatePRDM4 is supported by BioGPS gene expression data to be expressed in 721\_B