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Datasheet for ABIN2777623

anti-PRDM4 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	PRDM4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Horse, Rabbit, Saccharomyces cerevisiae, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRDM4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PRDM4
Sequence:	GPTSSSSAPE EEEEDDSEEE DLADSVGTED CRINSAVYSA DESLSAHK
Predicted Reactivity:	Cow: 90%, Dog: 93%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 86%, Rabbit: 92%, Rat: 90%, Yeast: 90%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against PRDM4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PRDM4
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Target Details

Alternative Name: PRDM4 ([PRDM4 Products](#))

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.

Alias Symbols: MGC45046, PFM1

Protein Interaction Partner: MSRB3, CTNNB1, SMAD3, EIF4E, HDAC3, HDAC2, HDAC1, UBC, SERTAD1, PRDM4, EMX1,

Protein Size: 801

Molecular Weight: 88 kDa

Gene ID: 11108

NCBI Accession: [NM_012406](#), [NP_036538](#)

UniProt: [Q9UKN5](#)

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 801 AA

Restrictions: For Research Use only

Handling

Format: Liquid

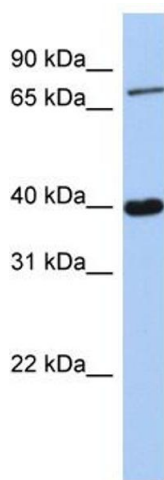
Concentration: Lot specific

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

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

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