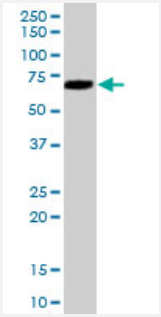
PRDM4 polyclonal antibody

Catalog # PAB6695 Size 100 ug

Applications



Western Blot (Tissue lysate)

PRDM4 polyclonal antibody (Cat # PAB6695) (0.3 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PRDM4.
Immunogen	A synthetic peptide corresponding to human PRDM4.
Sequence	CSAVYSADESLSAHK
Host	Goat
Theoretical MW (kDa)	87.9
Reactivity	Human, Mouse
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:64000) Western Blot (0.3-2 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  PRDM4 polyclonal antibody (Cat # PAB6695) (0.3 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — PRDM4

Entrez GeneID	11108
Protein Accession#	NP_0.36538
Gene Name	PRDM4
Gene Alias	MGC45046, PFM1
Gene Description	PR domain containing 4
Omim ID	605780
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transcription factor of the PR-domain protein family. It conta ins 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. [provided by RefSeq
Other Designations	PR-domain zinc-finger protein PFM1

Publication Reference

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- The p75NTR-interacting protein SC1 inhibits cell cycle progression by transcriptional repression of cyclin E.

  Chittka A, Arevalo JC, Rodriguez-Guzman M, Perez P, Chao MV, Sendtner M.

  The Journal of Cell Biology 2004 Mar; 164(7):985.

  Application: WB, Rat, PC-12 cells

Pathway

- Neurotrophin signaling pathway

Disease

- Tobacco Use Disorder

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