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PRDM10 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM1193a

Product Information

Application	WB, E
Primary Accession	Q9NQV6
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	48AT1224.90.46
Calculated MW	130136

Additional Information

Gene ID	56980
Other Names	PR domain zinc finger protein 10, 211-, PR domain-containing protein 10, Tristanin, PRDM10, KIAA1231, PFM7, TRIS
Target/Specificity	This PRDM10 antibody was raised using purified recombinant GST fusion protein encoding the N-terminal part of human PRDM10.
Dilution	WB~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PRDM10 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PRDM10
Synonyms	KIAA1231, PFM7, TRIS
Function	Transcriptional activator, essential for early embryonic development and survival of embryonic stem cells (ESCs) (By similarity). Supports cell growth and survival during early development by transcriptionally activating the expression of the translation initiation factor EIF3B, to sustain global

translation (By similarity). Activates the transcription of FLNC (PubMed:36440963).

Cellular Location Nucleus.

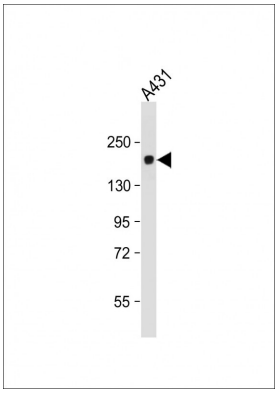
Background

The protein encoded by this gene is a transcription factor that contains C2H2-type zinc-fingers. It also contains a positive regulatory domain, which has been found in several other zinc-finger transcription factors including those involved in B cell differentiation and tumor suppression. Studies of the mouse counterpart suggest that this protein may be involved in the development of the central nerve system (CNS), as well as in the pathogenesis of neuronal storage disease. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.

References

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Ectopic dendrite initiation: CNS pathogenesis as a model of CNS development. Siegel DA, et al. Int J Dev Neurosci, 2002 Jun-Aug. PMID 12175877.
Prediction of the coding sequences of unidentified human genes. XV. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. Nagase T, et al. DNA Res, 1999 Oct 29. PMID 10574462.

Images



Anti-PRDM10 Antibody at 1:1000 dilution + A431 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 130 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.