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MYT1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant MYT1.
Catalog # AT2967a

Product Information

Application	WB
Primary Accession	Q01538
Other Accession	NM_004535
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Lambda
Clone Names	2A7
Calculated MW	122329

Additional Information

Gene ID	4661
Other Names	Myelin transcription factor 1, MyT1, Myelin transcription factor I, MyTI, PLPB1, Proteolipid protein-binding protein, MYT1, KIAA0835, KIAA1050, MTF1, MYTI, PLPB1
Target/Specificity	MYT1 (NP_004526, 586 a.a. ~ 685 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MYT1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

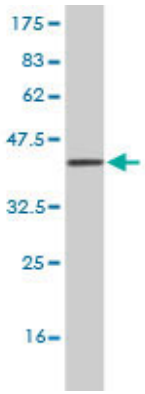
The protein encoded by this gene is a member of a family of neural specific, zinc finger-containing DNA-binding proteins. The protein binds to the promoter regions of proteolipid proteins of the central nervous system and plays a role in the developing nervous system.

References

c-Jun N-terminal kinase 1 phosphorylates Myt1 to prevent UVA-induced skin cancer. Choi HS, et al. Mol Cell Biol, 2009 Apr. PMID 19204086.Evaluating new candidate SNPs as low penetrance risk factors in sporadic

breast cancer: a two-stage Spanish case-control study. Vega A, et al. Gynecol Oncol, 2009 Jan. PMID 18950845.Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.Myelin transcription factor 1 (Myt1) expression in demyelinated lesions of rodent and human CNS. Vana AC, et al. Glia, 2007 May. PMID 17330875.Myelin transcription factor 1 (Myt1) modulates the proliferation and differentiation of oligodendrocyte lineage cells. Nielsen JA, et al. Mol Cell Neurosci, 2004 Jan. PMID 14962745.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .

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