

## MYT1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant MYT1.

Catalog # AT2967a

### Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q01538</a>
<b>Other Accession</b>	<a href="#">NM_004535</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Lambda
<b>Clone Names</b>	2A7
<b>Calculated MW</b>	122329

### Additional Information

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

### Background

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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

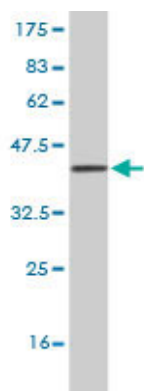
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c-Jun N-terminal kinase 1 phosphorylates Myt1 to prevent UVA-induced skin cancer. Choi HS, et al. Mol Cell Biol, 2009 Apr. PMID 19204086. Evaluating new candidate SNPs as low penetrance risk factors in sporadic

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

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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'.