

Datasheet for ABIN6991773
anti-MYT1L antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	MYT1L
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYT1L antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Rabbit polyclonal MYT1L antibody was raised against an 18 amino acid peptide near the carboxy terminus of human MYT1L. The immunogen is located within the last 50 amino acids of MYT1L.
Isotype:	IgG
Specificity:	At least three isoforms are known to exist. This antibody will only recognize the two longest isoforms.
Purification:	MYT1L Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MYT1L
Alternative Name:	MYT1L (MYT1L Products)

Target Details

Background:	MYT1L Antibody: The myelin transcription factor 1 family, to which the myelin transcription factor 1-like protein (MYT1L) belongs, is expressed primarily in the developing central nervous system and recruits histone deacetylase (HDAC) to regulate neural transcription. Both MYT1L and the related protein MYT1 interact with SIN3B, a protein that mediates transcriptional repression by binding to HDACs, suggesting that the MYT1 family favor the silencing of genes during neural development. Recent studies suggest that polymorphisms of MYT1L may be associated with schizophrenia.
Molecular Weight:	130 kDa
Gene ID:	23040
NCBI Accession:	NP_055840
UniProt:	Q9UL68

Application Details

Application Notes:	MYT1L antibody can be used for detection of MYT1L by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in mouse samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	MYT1L Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	MYT1L antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.