

Rabbit MYT1L Polyclonal Antibody | anti-MYT1L antibody

MYT1L Antibody

CATALOG # AAA40635	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

MYT1L; Polyclonal Antibody; MYT1L Antibody; NZF1; ZC2HC4B; KIAA1106; Myelin transcription factor 1-like protein; MyT1-L; myelin transcription factor 1-like; anti-MYT1L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms are known to exist. This antibody will only recognize the two longest isoforms.
Purity/Purification	MYT1L Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1184
Applicable Applications for anti-MYT1L antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal MYT1L antibody was raised against an 18 amino acid peptide near the carboxy terminus of human MYT1L.
Buffer	MYT1L Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	MYT1L antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of MYT1L in human brain with MYT1L antibody at 20 μg/mL.



WB (Western Blot)

Western blot analysis of MYT1L in mouse brain tissue lysate with MYT1L antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MYT1L antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	60498973
NCBI GeneID	23040
NCBI Accession #	NP_055840
NCBI GenBank Nucleotide #	NM_015025.3
UniProt Accession #	Q9UL68; Q6IQ17; Q9UPP6; A7E2C7; B2RP54
Molecular Weight	130 kDa
NCBI Official Full Name	myelin transcription factor 1-like protein isoform 2
NCBI Official Synonym Full Names	myelin transcription factor 1-like
NCBI Official Symbol	MYT1L
NCBI Official Synonym Symbols	NZF1; ZC2HC4B
NCBI Protein Information	myelin transcription factor 1-like protein; myT1-L; neural zinc finger transcription factor 1
UniProt Protein Name	Myelin transcription factor 1-like protein
UniProt Gene Name	MYT1L
UniProt Synonym Gene Names	KIAA1106; MyT1-L; MyT1L
UniProt Entry Name	MYT1L_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myt1l-antibody-immunofluorescence-western-blot-elisa/40635>