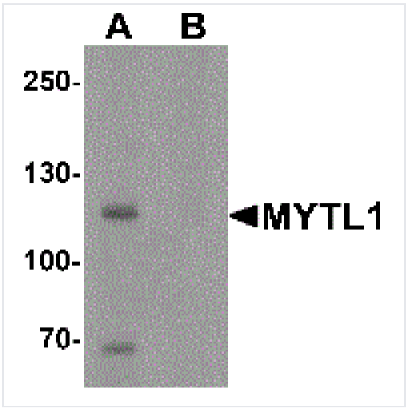
MYT1L Blocking Peptide

PRODUCT OVERVIEW

Product Name	MYT1L, Blocking Peptide
Full Product Name	MYT1L Peptide
Product Gene Name	MYT1L blocking peptide
Product Synonym Names	NZF1; ZC2HC4B; KIAA1106; Myelin transcription factor 1-like protein; MyT1-L; myelin transcription factor 1-like
Form/Format	Liquid
Concentration	200 ug/mL (lot specific)
Preparation and Storage	Store MYT1L peptide at -20 degree C, stable for one year.
Antibody/Peptide Pairs	MYT1L peptide (MBS153858) is used for blocking the activity of MYT1L antibody (MBS153519)
Molecular Weight	132,858 Da
OMIM	613084
Species	Human
Buffer	PBS pH 7.2 (10 mM NaH2PO4, 10 mM Na2HPO4, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide
Location	18 amino acids near the carboxy terminus of human MYT1L.
Applications Tested/Suitable for MYT1L blocking peptide	Blocking (BL)
Application Notes for MYT1L blocking peptide	MYT1L Peptide is used for blocking the activity of MYT1L antibody.
Related Product Information for MYT1L blocking peptide	MBS153858 is a blocking peptide targeting MYT1L. Also known as MYT1L Peptide.
Other Notes	Small volumes of MYT1L blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



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

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MYT1L. It may not necessarily be applicable to this product.

NCBI GI #	60498973
NCBI GeneID	23040
NCBI Accession #	NP_055840
UniProt Primary Accession #	Q9UL68
UniProt Secondary Accession #	Q6IQ17; Q9UPP6; A7E2C7; B2RP54
UniProt Related Accession #	Q9UL68
GenBank Nucleotide #	NM_015025.3
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
UniProt Protein Name	Myelin transcription factor 1-like protein
Protein Family	Myelin transcription factor 1-like protein
UniProt Gene Name	MYT1L
UniProt Synonym Gene Names	KIAA1106; MyT1-L; MyT1L
UniProt Entry Name	MYT1L_HUMAN
NCBI Protein Information	myelin transcription factor 1-like protein; myT1-L; neural zinc finger transcription factor 1
UniProt Comments for MYT1L	MYT1L: May function as a panneural transcription factor associated with neuronal differentiation. May play a role in the development of neurons and oligodendrogalia in the CNS. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 2p25.3 Cellular Component: nucleus Molecular Function: DNA binding; zinc ion binding; transcription factor activity Biological Process: nervous system development; transcription, DNA-dependent; regulation of transcription, DNA-dependent; cell differentiation Disease: Mental Retardation, Autosomal Dominant 39
Research Articles on MYT1L	**1.** MYT1L rs17039396 variants are associated with clinical outcome in gastric cancer.
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