

MYT1 Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP16407a

Specification

MYT1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession

Q01538

MYT1 Antibody (N-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MYT1 Antibody (N-term) Blocking Peptide - Protein Information

Name MYT1

Synonyms KIAA0835, KIAA1050, MTF1, MYTI, PLPB1

Function

Binds to the promoter region of genes encoding proteolipid proteins of the central nervous system. May play a role in the development of neurons and oligodendroglia in the CNS. May regulate a critical transition point in oligodendrocyte lineage development by modulating oligodendrocyte progenitor proliferation relative to terminal differentiation and up-regulation of myelin gene transcription.

Cellular Location

Nucleus.

Tissue Location

Mostly in developing nervous system. Expressed in neural progenitors and oligodendrocyte lineage cells. More highly expressed in oligodendrocyte progenitors than in differentiated oligodendrocytes.



MYT1 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides

MYT1 Antibody (N-term) Blocking Peptide - Images

MYT1 Antibody (N-term) Blocking Peptide - Background

MYT1 is a member of a familyof neural specific, zinc finger-containing DNA-binding proteins. The protein binds to the promoter regions of proteolipid proteinsof the central nervous system and plays a role in the developing nervous system.

MYT1 Antibody (N-term) Blocking Peptide - References

Choi, H.S., et al. Mol. Cell. Biol. 29(8):2168-2180(2009)Vega, A., et al. Gynecol. Oncol. 112(1):210-214(2009)Vana, A.C., et al. Glia 55(7):687-697(2007)Nielsen, J.A., et al. Mol. Cell. Neurosci. 25(1):111-123(2004)Nakajima, H., et al. J. Biol. Chem. 278(28):25277-25280(2003)