10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# 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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

## 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 developingnervous 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)