

OLIG1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18841b**Specification**

OLIG1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q8TAK6](#)

OLIG1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 116448

Other Names

Oligodendrocyte transcription factor 1, Oligo1, Class B basic helix-loop-helix protein 6, bHLHb6, Class E basic helix-loop-helix protein 21, bHLHe21, OLIG1, BHLHB6, BHLHE21

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.

OLIG1 Antibody (C-term) Blocking Peptide - Protein Information

Name OLIG1

Synonyms BHLHB6, BHLHE21

Function

Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

Tissue Location

Expressed in the brain, in oligodendrocytes. Strongly expressed in oligodendrogliomas, while expression is weak to moderate in astrocytomas. Expression in glioblastomas is highly variable.

OLIG1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

OLIG1 Antibody (C-term) Blocking Peptide - Images

OLIG1 Antibody (C-term) Blocking Peptide - Background

OLIG1 promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube (By similarity).

OLIG1 Antibody (C-term) Blocking Peptide - References

Takei, H., et al. J. Neurooncol. 86(2):183-190(2008)Ruf, N., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 144B (3), 365-366 (2007) :Brena, R.M., et al. PLoS Med. 4 (3), E108 (2007) :Stewart, S.E., et al. Arch. Gen. Psychiatry 64(2):209-214(2007)Goris, A., et al. J. Neurol. Neurosurg. Psychiatr. 77(11):1296-1297(2006)