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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)