

OLIG1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18841b**Specification**

OLIG1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8TAK6
Other Accession	NP_620450.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27905
Antigen Region	200-228

OLIG1 Antibody (C-term) - 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

Target/Specificity

This OLIG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 200-228 amino acids from the C-terminal region of human OLIG1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OLIG1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OLIG1 Antibody (C-term) - 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

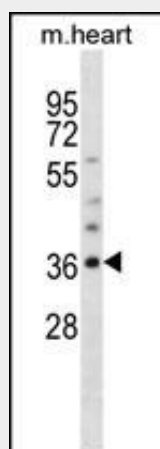
Expressed in the brain, in oligodendrocytes. Strongly expressed in oligodendrogliomas, while expression is weak to moderate in astrocytomas. Expression in glioblastomas is highly variable.

OLIG1 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OLIG1 Antibody (C-term) - Images



OLIG1 Antibody (C-term)(Cat. #AP18841b) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the OLIG1 antibody detected the OLIG1 protein (arrow).

OLIG1 Antibody (C-term) - 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) - 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)