

Olig1 Antibody
Rabbit mAb
Catalog # AP92453**Specification**

Olig1 Antibody - Product Information

Application	WB, FC
Primary Accession	Q8TAK6
Reactivity	Rat
Clonality	Monoclonal
Other Names	
BHLH B6; BHLHB 6; bHLHb6; bHLHe21; Olig1; Oligo1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	27905 Da

Olig1 Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Olig1
Description	Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Olig1 Antibody - 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

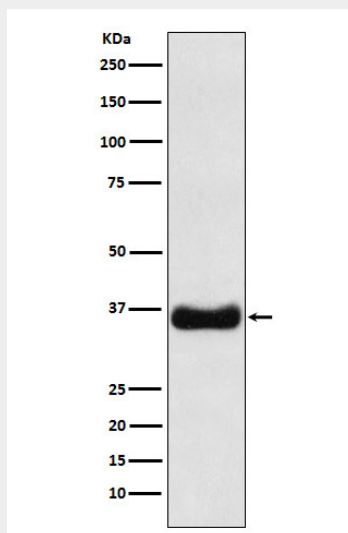
Expressed in the brain, in oligodendrocytes. Strongly expressed in oligodendrogliomas, while expression is weak to moderate in astrocytomas. Expression in glioblastomas is highly variable.

Olig1 Antibody - 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 - Images



Western blot analysis of Olig1 expression in MOLT4 cell lysate.