

Anti-Olig1 Rabbit Monoclonal Antibody
Catalog # ABO15872**Specification**

Anti-Olig1 Rabbit Monoclonal Antibody - Product Information

Application	WB, FC
Primary Accession	Q8TAK6
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Olig1 Rabbit Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-Olig1 Rabbit Monoclonal Antibody - 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

Calculated MW

35 kDa KDa

Application Details

WB 1:500-1:2000
FC 1:50

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Olig1

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Olig1 Rabbit Monoclonal 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

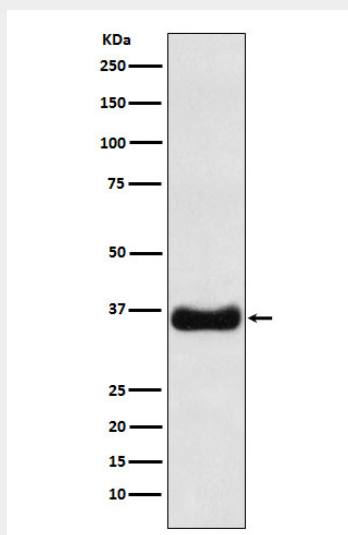
Expressed in the brain, in oligodendrocytes. Strongly expressed in oligodendrogliomas, while expression is weak to moderate in astrocytomas. Expression in glioblastomas is highly variable.

Anti-Olig1 Rabbit Monoclonal 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](#)

Anti-Olig1 Rabbit Monoclonal Antibody - Images



Western blot analysis of Olig1 expression in MOLT4 cell lysate.