

Olig2 Rabbit mAb
Catalog # AP77376

Specification

Olig2 Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	O13516
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	32385

Olig2 Rabbit mAb - Additional Information

Gene ID 10215

Other Names
OLIG2

Dilution
WB~~1/500-1/1000
IHC~~1/50-1/100

Format
Liquid

Olig2 Rabbit mAb - Protein Information

Name OLIG2

Synonyms BHLHB1, BHLHE19, PRKCBP2, RACK17

Function

Required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Functions together with ZNF488 to promote oligodendrocyte differentiation. Cooperates with OLIG1 to establish the pMN domain of the embryonic neural tube. Antagonist of V2 interneuron and of NKX2-2-induced V3 interneuron development.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}. Cytoplasm. Note=The NLS contained in the bHLH domain could be masked in the native form and translocation to the nucleus could be mediated by interaction either with class E bHLH partner protein or with NKX2-2.

Tissue Location

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

Olig2 Rabbit mAb - 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](#)

Olig2 Rabbit mAb - Images

