

Anti-Olig2 Antibody

Our Anti-Olig2 primary antibody from PhosphoSolutions is rabbit polyclonal. It detects human, mouse,
Catalog # AN1501

Product Information

Application	WB, IHC, ICC, IP
Primary Accession	Q9EQW6
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	32407

Additional Information

Gene ID	50913
Other Names	Basic domain helix loop helix protein class B 1 antibody, Basic helix loop helix protein class B 1 antibody, BHLHB antibody, bHLHB1 antibody, bHLHe19 antibody, Class B basic helix loop helix protein 1 antibody, Class B basic helix-loop-helix protein 1 antibody, class E basic helix loop helix protein 19 antibody, Class E basic helix-loop-helix protein 19 antibody, Human protein kinase C binding protein RACK17 antibody, Olig2 antibody, OLIG2_HUMAN antibody, Oligo2 antibody, Oligodendrocyte lineage transcription factor 2 antibody, Oligodendrocyte specific bHLH transcription factor 2 antibody, Oligodendrocyte transcription factor 2 antibody, OTTHUMP00000067569 antibody, OTTHUMP00000067570 antibody, PRKCBP2 antibody, Protein kinase C binding protein 2 antibody, Protein kinase C binding protein RACK17 antibody, Protein kinase C-binding protein 2 antibody, Protein kinase C-binding protein RACK17 antibody, RACK17 antibody
Target/Specificity	Olig2 is a transcription factor which is required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Expressed in the ventral spinal cord as early as 9.5 dpc and scattered in the mantle zone, likely corresponding to oligodendrocyte progenitors migrating out from their site of origin. From 10.5 through 14.5 dpc, Olig2 is expressed in numerous cells in the ventricular and subventricular zones of the lateral and medial ganglionic eminences, suggesting that expression might not be limited to the oligodendrocytic lineage. Olig2 has further been shown to be critical in the proliferation of malignant glioma in brain tumors (Ligon et al., 2007)
Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A IP~~N/A
Format	Protein A purified
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-Olig2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

Blue Ice

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.