



Anti-OLIG2 Antibody

Alternative Names: BHLHB1, OLIGO2, PRKCBP2, RACK17, bHLHe19, oligodendrocyte transcription factor 2, Class B basic helix-loop-helix protein 1, Class E basic helix-loop-helix protein 19, Protein kinase C-binding protein 2

Catalogue Number: AB19-10080-50ug

Size: 50 µg

Background Information

Oligodendrocyte transcription factor (OLIG2) is a 32kDa bHLH (basic helix-loop-helix) transcription factor that is 329 amino acids long. It is one of the three members of the bHLH family. Expression of OLIG2 is largely restricted to the tissues of the central nervous system, where it plays an important role in motor neuron and oligodendrocyte differentiation and sustaining replication in early development. The OLIG2 gene is located within a region of chromosome 21 which has been suggested to play a role in learning deficits associated with Down syndrome. OLIG2 has also been associated with neurodegenerative disorders such as Alzheimer's disease.

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Human, Mouse
Immunogen:	A synthetic peptide from the N-terminal region of human OLIG2		
Format:	50 µg in 50 µl PBS with 0.03% Proclin300, 50% glycerol, pH7.3.		
Storage Conditions:	Store at -20°C. Avoid freeze / thaw cycles.		
Applications:	IHC IHC 1:25-100.		

Additional Information

Subcellular location:	Nucleus Cytoplasm	MW:	32kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	10215	Uniprot ID:	Q13516