



OLIG2 rabbit pAb

Cat No.:ES20421

For research use only

Overview

Product Name	OLIG2 rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human OLIG2
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat OLIG2
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	OLIG2
Gene Name	OLIG2 BHLHB1 BHLHE19 PRKCBP2 RACK17
Cellular localization	Nucleus . Cytoplasm . 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. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	10215
Human Swiss-Prot Number	Q13516
Alternative Names	Oligodendrocyte transcription factor 2 (Oligo2;Class B basic helix-loop-helix protein 1;bHLHb1;Class E basic helix-loop-helix protein 19;bHLHe19;Protein kinase C-binding protein 2;Protein kinase C-binding protein RACK17)
Background	This gene encodes a basic helix-loop-helix transcription factor which is expressed in





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oligodendroglial tumors of the brain. The protein is an essential regulator of ventral neuroectodermal progenitor cell fate. The gene is involved in a chromosomal translocation $t(14;21)(q11.2;q22)$ associated with T-cell acute lymphoblastic leukemia. Its chromosomal location is within a region of chromosome 21 which has been suggested to play a role in learning deficits associated with Down syndrome. [provided by RefSeq, Jul 2008],



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