

OLIG2 polyclonal antibody

Catalog # PAB28727

Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant OLIG2.
Immunogen	Recombinant protein corresponding to amino acids of human OLIG2.
Sequence	SPEPDDLFLPARSKGSSSGSAFTGGTVSSSTPSPDCPPELSAELRGAMGSAGAHPGDKLGSGGFK SSSSSTSSSTSSAAASSTKKDKKQMTPELQQLRLKINSRERKRMHDLNI
Host	Rabbit
Reactivity	Human, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:1000-1:2500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Gene Info — OLIG2

Entrez GeneID	10215
Gene Name	OLIG2
Gene Alias	BHLHB1, OLIGO2, PRKCBP2, RACK17, bHLHe19
Gene Description	oligodendrocyte lineage transcription factor 2
Omim ID	606386
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a basic helix-loop-helix transcription factor which is expressed in 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]
Other Designations	OTTHUMP00000067569 OTTHUMP00000067570 basic domain, helix-loop-helix protein, class B, 1 human protein kinase C-binding protein RACK17 oligodendrocyte-specific bHLH transcription factor 2 protein kinase C binding protein 2

Disease

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