

DNAxPAb

Hard-to-Find
Antibody

OLIG2 DNAxPab

Catalog # H00010215-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human OLIG2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDSDASLVSSRPSSPEPDDLFLPARSKGSSGSAFTGGTVSSSTPSCPPELSAELRGAMGSAG AHPVDKLGSGGFKSSSSSTSSSTSSAAASSTKKDKKQMTPELQQLRLKINSRERKRMHDLNIA MDGLREVMPYAHGPSVRKLSKIATLLARNYILMLTNSLEEMKRLVSEIYGGHHAGFHPSACGGLA HSAPLPAATAHPAAAAHAHHPAVHHPIPPAAAAAAAAAAAAAVSSASLPGSGLPSVGSIRPPH GLLKSPSAAAAAPLGGGGGGSGASGGFQHWGGMPCPCSMCQVPPPHHHVSAMGAGSLPRLT SDAK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — OLIG2

Entrez GeneID	10215
GeneBank Accession#	BC036245.1
Protein Accession#	AAH36245.1
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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- [Psychotic Disorders](#)
- [Schizophrenia](#)
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