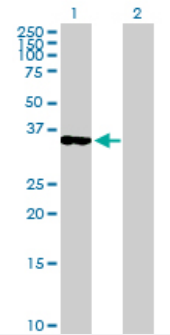
MaxPab®

OLIG2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010215-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of OLIG2 expression in transfected 293T cell line (H00010215-T01) by OLIG2 MaxPab polyclonal antibody.

Lane 1: OLIG2 transfected lysate(32.40 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human OLIG2 protein.
Immunogen	OLIG2 (AAH36245.1, 1 a.a. ~ 323 a.a) full-length human protein.
Sequence	MDSDASLVSSRPSSPEPDDLFLPARSKGSSGSAFTGGTVSSSTPSDCPPELSAELRGAMGSAG AHPVDKLGGSGFKSSSSSTSSSTSSAAASSTKKDKKQMTEPELQQLRLKINSRERKRMHDLNIA MDGLREVMPYAHGPSVRKLSKIATLLLARNYILMLTNSLEEMKRLVSEIYGGHHAGFHPSACGGLA HSAPLPAATAHPAAAAHAAHHPAVHHPILPPAAAAAAAAAAAAAAVSSASLPGSGLPSVGSIRPPH GLLKSPSAAAAAPLGGGGGGSGASGGFQHWGGMPCPCSMCQVPPPHHHVSAMGAGSLPRLT SDAK
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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.

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  Protocol Download

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 oligodendro glial tumors of the brain. The protein is an essential regulator of ventral neuroectodermal progenit or 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 chromoso me 21 which has been suggested to play a role in learning deficits associated with Down syndro me. [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 transcriptio n factor 2|protein kinase C binding protein 2

Disease

- Alzheimer disease
- Genetic Predisposition to Disease
- Obsessive-Compulsive Disorder
- Psychotic Disorders
- Schizophrenia
- Tourette Syndrome