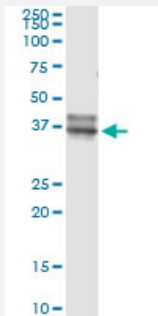


OLIG2 (Human) IP-WB Antibody Pair

Catalog # H00010215-PW4

Size 1 Set

Applications



Immunoprecipitation of OLIG2 transfected lysate using mouse monoclonal anti-OLIG2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-OLIG2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of OLIG2 transfected lysate using mouse monoclonal anti-OLIG2 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-OLIG2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-OLIG2 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-OLIG2 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

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

- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)
- [Obsessive-Compulsive Disorder](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Tourette Syndrome](#)