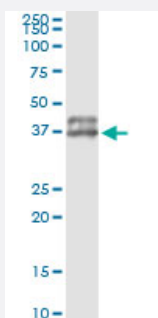


# OLIG2 (Human) IP-WB Antibody Pair

Catalog # H00010215-PW2

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

|                                      |                                                                                                                                                                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.                                                                                              |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                     |
| <b>Interspecies Antigen Sequence</b> | Mouse (95); Rat (95)                                                                                                                                                                                                                      |
| <b>Quality Control Testing</b>       | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of OLIG2 transfected lysate using mouse monoclonal anti-OLIG2 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with rabbit polyclonal anti-OLIG2. |
| <b>Supplied Product</b>              | Antibody pair set content:<br>1. Antibody pair for IP: mouse monoclonal anti-OLIG2 (300 ug)<br>2. Antibody pair for WB: rabbit polyclonal anti-OLIG2 (50 ul)                                                                              |
| <b>Storage Instruction</b>           | 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](#)