

# Olig2 Rabbit mAb

Catalog NO.: A4555 **Recombinant** **2 Publications**

## Basic Information

### Observed MW

40kDa

### Calculated MW

32kDa

### Category

Monoclonal Antibodies

### Applications

WB, ELISA

### Cross-Reactivity

Mouse, Rat

### Conjugation

Unconjugated

### Clone number

ARC1032

## Background

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.

## Recommended Dilutions

**WB** 1:500 - 1:1000

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

| Gene ID | Swiss Prot |
|---------|------------|
| 10215   | Q13516     |

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

BHLHB1; OLIGO2; RACK17; PRKCBP2; bHLHe19; Olig2

## Contact

## Product Information

|   |  |                      |
|---|--|----------------------|
| ☒ |  | order@abclonal.com   |
| ☒ |  | service@abclonal.com |
| ☒ |  | www.abclonal.com     |

### Source

Rabbit

### Isotype

IgG

### Purification

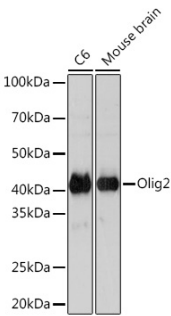
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of various lysates using Olig2 Rabbit mAb (A4555) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.

