

**Product Name: Olig2 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe87626**



## Summary

<b>Production Name</b>	Olig2 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, IHC-P, ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	Olig2
<b>Alternative Names</b>	BHLHB1; OLIGO2; RACK17; PRKCBP2; bHLHe19
<b>Gene ID</b>	10215
<b>SwissProt ID</b>	Q13516.

## Application

<b>Dilution Ratio</b>	WB: 1:1000 IHC-P: 1:100 ICC/IF: 1:50-1:200
<b>Molecular Weight</b>	Calculated MW:32 kDa; Observed MW:38 kDa

## Background

This gene encodes a basic helix-loop-helix transcription factor which is expressed in oligodendroglial tumors of the brain.

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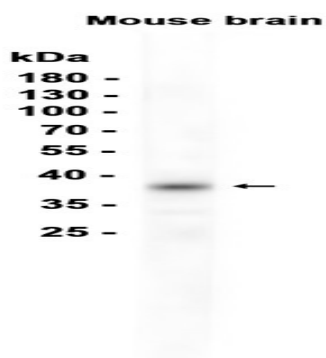
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The protein is an essential regulator of ventral neuroectodermal progenitor cell fate. The gene is involved in a chromosomal translocation t(14;21)(q11.2;q22) associated with T-cell acute lymphoblastic leukemia. Its chromosomal location is within a region of chromosome 21 which has been suggested to play a role in learning deficits associated with Down syndrome. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from Mouse brain tissue using AMRe87626 at 1:1000.

## Note

For research use only.