

## Recombinant Olig-2/Oligo2 Monoclonal Antibody

catalog number: AN300139P

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

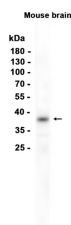
|                     |                                                                          |
|---------------------|--------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse;Rat                                                          |
| <b>Immunogen</b>    | A synthetic peptide corresponding to the N-terminus of the Human Olig-2. |
| <b>Host</b>         | Rabbit                                                                   |
| <b>Isotype</b>      | IgG                                                                      |
| <b>Clone</b>        | A1253                                                                    |
| <b>Purification</b> | Protein A                                                                |
| <b>Buffer</b>       | 0.2 µm filtered solution in PBS                                          |

### Applications

### Recommended Dilution

**WB:** 1:1000; IHC-P: 1:100; ICC/IF: 1:50-1:200

### Data



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

**Observed-MW:38 kDa**

**Calculated-MW:32 kDa**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### 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. [provided by RefSeq, Jul 2008]

### For Research Use Only

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