

Datasheet for ABIN3032092  
**anti-OLIG2 antibody (AA 152-180)**



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2 Images

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 0.4 mL                               |
| Target:              | OLIG2                                |
| Binding Specificity: | AA 152-180                           |
| Reactivity:          | Mouse                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This OLIG2 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA         |

## Product Details

|                             |                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | A portion of amino acids 152-180 from the human protein was used as the immunogen for this Olig2 antibody. |
| Isotype:                    | Ig Fraction                                                                                                |
| Cross-Reactivity (Details): | Expected species reactivity: Chicken                                                                       |
| Purification:               | Antigen affinity purified                                                                                  |

## Target Details

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Target:           | OLIG2                                                                                 |
| Alternative Name: | Olig2 ( <a href="#">OLIG2 Products</a> )                                              |
| Background:       | This gene encodes a basic helix-loop-helix transcription factor which is expressed in |

## Target Details

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].

UniProt: [Q13516](#)

## Application Details

Application Notes: Titration of the Olig2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

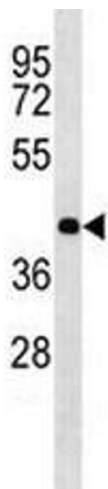
Storage: -20 °C

Storage Comment: Aliquot the Olig2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

**Image 1.** Olig2 antibody western blot analysis in mouse heart tissue lysate.



Western Blotting

**Image 2.** Olig2 antibody western blot analysis in mouse heart tissue lysate.