

## OLIG2 Rabbit Polyclonal Antibody

Catalog No: #53444

Package Size: #53444-1 50ul #53444-2 100ul

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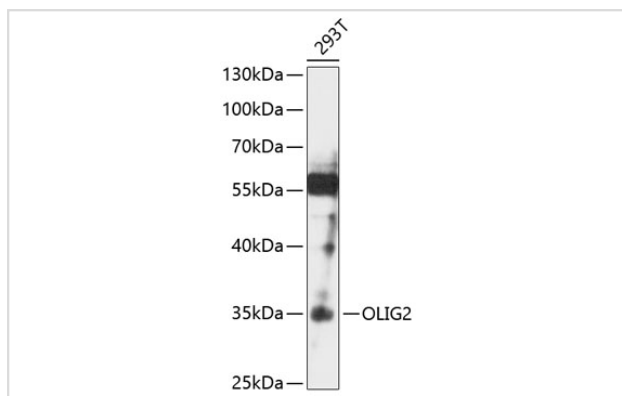
## Description

Product Name	OLIG2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human OLIG2 (NP_005797.1).
Other Names	OLIG2;BHLHB1;OLIGO2;PRKCBP2;RACK17;bHLHe19
Accession No.	Swiss Prot:Q13516GeneID:10215
Calculated MW	32kDa
SDS-PAGE MW	32kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

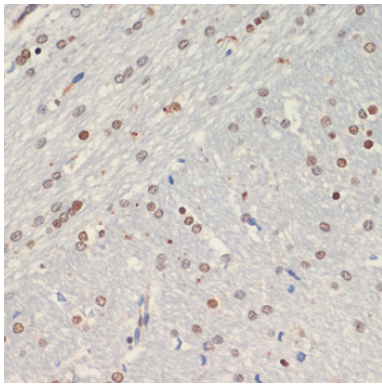
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:100

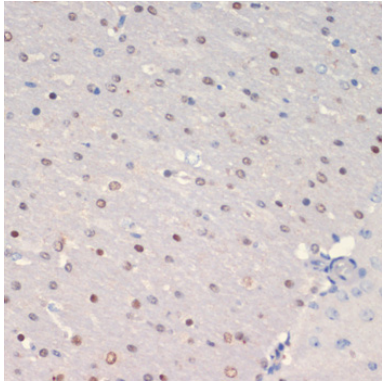
## Images



Western blot analysis of extracts of 293T cells, using OLIG2 at 1:3000 dilution.



Immunohistochemistry of paraffin-embedded rat brain using OLIG2 at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using OLIG2 at dilution of 1:200 (40x lens).

## 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.