

Recombinant Olig-2/Oligo2 Monoclonal Antibody

catalog number: **AN300139P**

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

Description

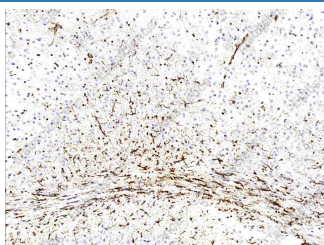
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human Olig-2.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110099
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

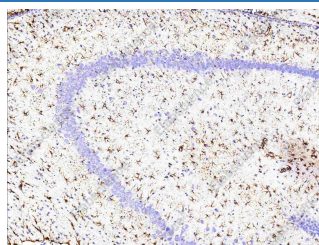
Recommended Dilution

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

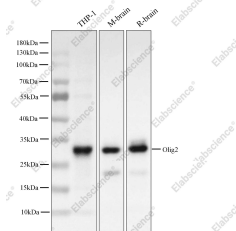
Data



Immunohistochemical analysis of paraffin-embedded Mouse brain tissue sections using Olig-2/Oligo2 Antibody (AN300139P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Rat brain tissue sections using Olig-2/Oligo2 Antibody (AN300139P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of THP-1, Mouse brain and Rat brain cell lysates using Olig-2/Oligo2 Antibody (AN300139P) at a dilution of 1:1000.

Observed-MW:38 kDa

Calculated-MW:32 kDa

Preparation & Storage

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

Background

For Research Use Only

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Email: techsupport@elabscience.com

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Rev. V1.8

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]