

OLIG2 Rabbit Polyclonal Antibody



CAB12814

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

32kDa

Calculated MW:

32kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

10215

Uniprot

Q13516

Synonyms:

OLIG2; BHLHB1; OLIGO2; PRKCBP2; RACK17; bHLHe19

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

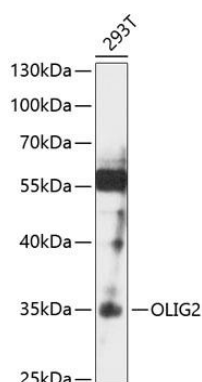
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-80 of human OLIG2 (NP_005797.1).

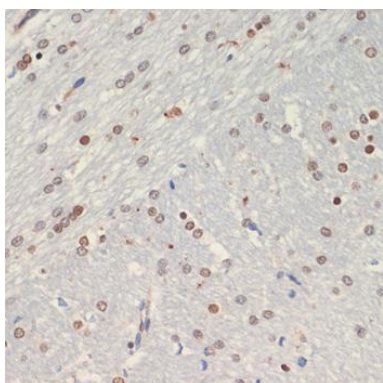
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

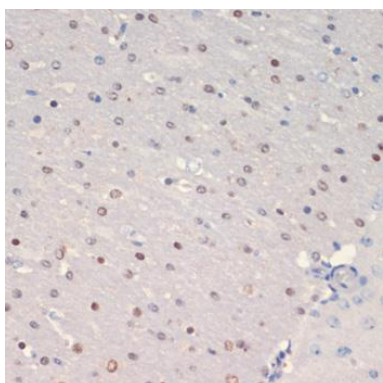
Product Images



Western blot analysis of extracts of 293T cells, using OLIG2 antibody (CAB12814) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat brain using OLIG2 antibody (CAB12814) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using OLIG2 antibody (CAB12814) at dilution of 1:200 (40x lens).