

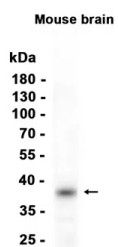


Product name:	Olig2 Rabbit Monoclonal Antibody
Cat number:	MABN87626
Conjugate:	Unconjugated
Size:	100µL
Clone:	OL-02
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:50-1:200
Molecular Weight:	38 kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms:	BHLHB1; OLIGO2; RACK17; PRKCBP2; bHLHe19
Source:	Rabbit
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.

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Western blot analysis of extracts from
Mouse brain tissue using OLIG2 at
1:1000.

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