

Anti-Olig-2/Oligo2 Polyclonal Antibody

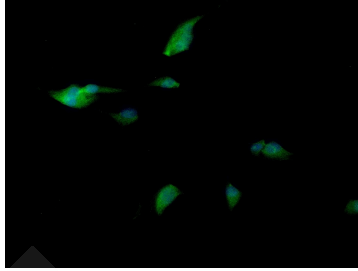
Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 32 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

U87MG cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (OLIG2) polyclonal Antibody, Unconjugated (TMAB-01286) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nucleus.



Application:	ICC/IF
Recommended	ICC/IF=1:50-200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human OLIG2
Antigen Species:	Human
Gene ID:	10215
Uniprot ID:	Q13516
Synonyms:	BHLHB1;OLIGO2;bHLHe19;RACK17;Olig2;PRKCBP2
Biology Area:	Transcription Factors,Oligodendrocyte marker,Neurogenesis,Neuron Restricted Lineage

Research 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. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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