

Datasheet for ABIN7269090

anti-OLIG2 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	OLIG2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This OLIG2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Olig2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Olig2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	OLIG2
Alternative Name:	OLIG2 (OLIG2 Products)
Background:	This gene encodes a basic helix-loop-helix transcription factor which is expressed in

Target Details

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],BHLHB1, OLIGO2, PRKCBP2, RACK17, bHLHe19,Cell Type Marker,Cell Type Marker_Oligodendrocyte marker,Epigenetics & Nuclear Signaling,Neural Stem Cells,Neuroscience,Stem Cells,Transcription Factors,OLIG2

Molecular Weight: 32kDa

Gene ID: 10215

UniProt: [Q13516](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

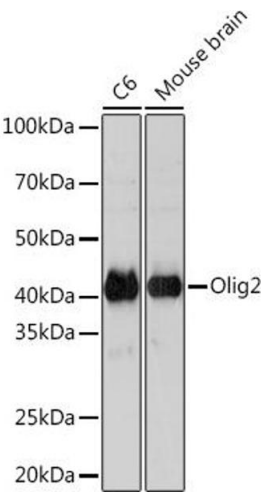
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Olig2 Rabbit mAb (ABIN7269090) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.