

Product datasheet for **AM31746PU-N**

OLIG2 Mouse Monoclonal Antibody [Clone ID: 3C9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3C9
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1/500 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	OLIG2 antibody was raised against OLIG2 (NP_005797, 2 a.a. ~ 78 a.a) full length recombinant protein with GST tag.
Specificity:	Recognizes Human OLIG2
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Gene Name:	oligodendrocyte lineage transcription factor 2
Database Link:	Entrez Gene 10215 Human Q13516



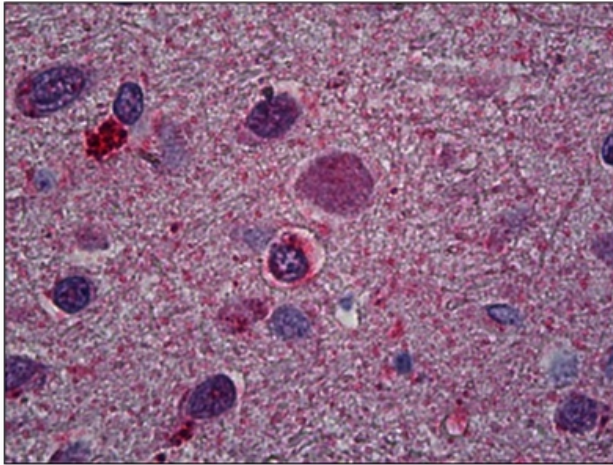
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Background: This gene encodes a basic helix-loop-helix transcription factor which is expressed in oligodendroglial tumors of the brain. The protein is an essential regulator of ventral neuroectodermal progenitor cell fate. The gene is involved in a 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.

Synonyms: OLIG2, BHLHB1, PRKCBP2, RACK17, Oligodendrocyte transcription factor 2, Oligo2, bHLHB1

Protein Families: Druggable Genome, Transcription Factors

Product images:



Human Brain, Oligodendroglia: Formalin-Fixed, Paraffin-Embedded (FFPE)