

Olig2, Rabbit Polyclonal Antibody

Catalog Number: P21954

Store at -20°C

Clonality:	Polyclonal	Host/Class:	Rabbit
Volume:	100 µL	Reactivity:	Olig2
		Predicted Reactivity:	Human, Mouse, Rat

Product Description

Olig2 is a transcription factor which is required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Expression in the ventral spinal cord and mantle zone during early development likely corresponds to oligodendrocyte progenitors migrating out from their site of origin. Olig2 expression in numerous cells in the ventricular and subventricular zones of the lateral and medial ganglionic eminences, suggests that expression might not be limited to the oligodendrocytic lineage. Olig2 has also been shown to be critical in the proliferation of malignant glioma in brain tumors.

Product Specifications

Immunogen:	Recombinant mouse Olig2.
Apparent MW:	~32 kDa
Gene ID:	50913
Protein Accession No.:	Q9EQW6
Sequence Identity:	Mouse
Lot:	See product label

Product Applications

Application	Dilution
Western blotting	1:3000
Immunohistochemistry/I mmunocytochemistry	1:1000
Immunoprecipitation	1:500-1:1000

Storage and Handling

Store the antibody at -20°C. **Avoid freeze/thaw cycles.**

Stability

Expires one year from date of receipt when stored as instructed.

Storage Buffer

100 µL in 100 mM Glycine, 200 mM Tris, pH 8.0.

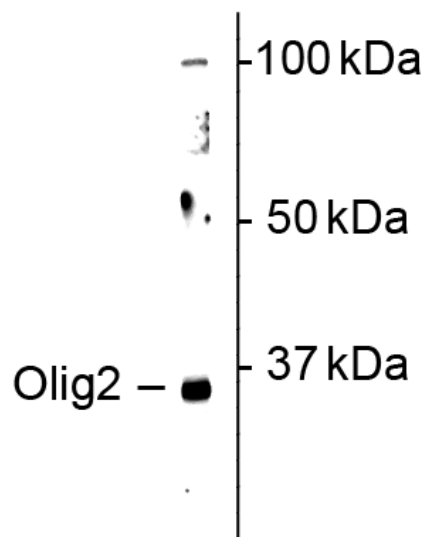


Figure 1 Western blot showing specific immunolabeling of the ~32 kDa Olig2 protein.

For research use only. Not for human or animal therapeutic or diagnostic use.

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Safety Data Sheets (SDS)

Safety Data Sheets (SDSs) are available at www.invitrogen.com/sds.














Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available on our website. Go to www.invitrogen.com/support and search for the Certificate of Analysis by product lot number, which is printed on the box.

Related Products

Product Name	Quantity	Catalog No.
iBlot® Dry Blotting System	1 unit	IB1001
WesternBreeze® Chromogenic Kit Anti-Rabbit	1 kit	WB7105
WesternBreeze® Chemiluminescent Kit, Anti-Rabbit	1 kit	WB7106
Goat anti-mouse (H+L), HRP conj.	1 mg	G21040
Goat anti-rabbit (H+L), HRP conj.	1 mg	G21234
Goat anti-mouse (H+L), AP conj.	1 mg	G21060
Goat anti-rabbit (H+L), AP conj.	1 mg	G21079
Nitrocellulose, 0.2 µm	20/pack	LC2000

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		<i>In vitro</i> diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

Limited Use Label License: Research Use Only

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