

Anti-Olig2 Antibody



Product Details

Available Variants	100 µL (SKU:1538-Olig2) 25 µL (SKU:1538-Olig2t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	OLIG2
Host Species	Rabbit
Format	Protein A purified
Physical State	Liquid
Buffer	100 mM Glycine, 200 mM Tris, pH 8.0
Production Notes	Protein A purified rabbit serum
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:3000 WB Brain: 1:3000 IHC: 1:200-1:1000 ICC: 1:1000 IP: 1:500-1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant mouse Olig2.
Specificity	Specific for endogenous levels of the ~32 kDa Olig2 protein.
Molecular Weight	27 kDa
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 µL/vial depending on usage) upon arrival and stored long term

at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.

Antibody Registry ID AB_2492193

UniProt ID [Q9EQW6](#)

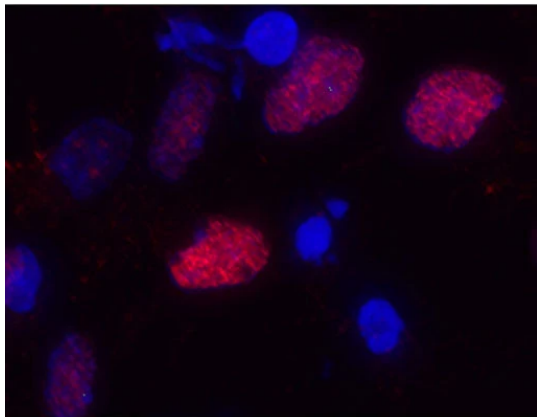
Shipping Blue Ice

Expiration After date of receipt, stable for at least 1 year at -20°C.

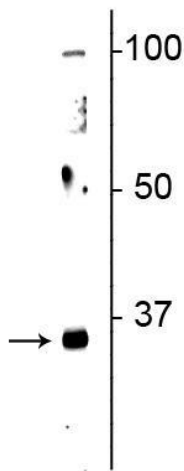
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NCBI Gene ID 50913

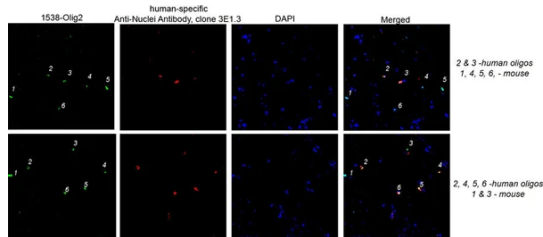
Product Images



Immunostaining of primary rat cortical neuroepithelial cells with anti-Olig2 (Cat. 1538-OLIG2, red, 1:1000). The cells were treated with basic FGF for 30 hours prior to staining (this induces Olig2 expression in these primary cells).



Western blot of neonatal rat brain lysate showing specific immunolabeling of the ~32 kDa Olig2 protein.



An illustration differentiating mouse and human oligodendrocytes in the process of glial humanization of a mouse brain model used to study HIV-1 infection. Immunofluorescence of paraffin embedded chimeric mouse brain 5- μ m thick tissue section immunolabeling oligodendrocytes with anti-OLIG2 antibody (Cat. 1538-OLIG2, 1:500, green) and a human specific anti-nuclei antibody(clone 3E1.3). The blue stain is DAPI. Images courtesy Larisa Poluektova, University of Nebraska Medical Center.

Product Page URL: www.antibodiesinc.com/products/anti-olig2-antibody-1538-olig2



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