

# Product Datasheet

## Olig1 Antibody - Azide and BSA Free NBP1-28666

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 10/23/2024 v.20.1

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**NBP1-28666**

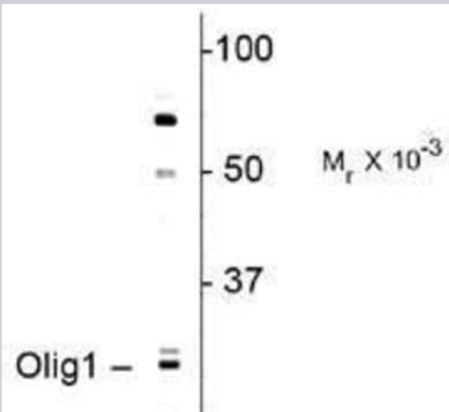
Olig1 Antibody - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	200mM Tris (pH 8.0) and 0.1M Glycine
<b>Target Molecular Weight</b>	27 kDa
<b>Product Description</b>	
<b>Description</b>	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage).
<b>Host</b>	Rabbit
<b>Gene ID</b>	116448
<b>Gene Symbol</b>	OLIG1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~27 kDa Olig1 protein.
<b>Immunogen</b>	Recombinant mouse Olig1. Accession # Q9JKN5
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:3000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000, Immunoprecipitation 1:50
<b>Application Notes</b>	Detects ~27 kDa Olig1 protein in Western blots.

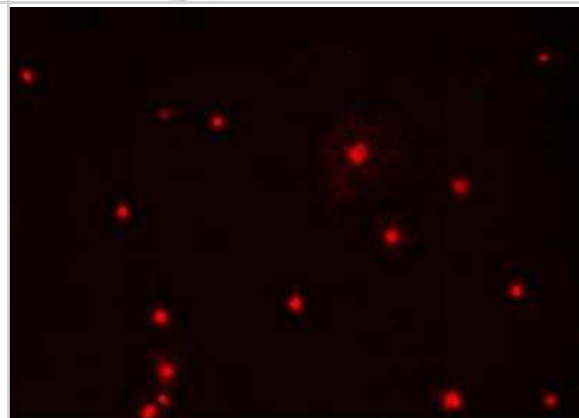


## Images

Western Blot: OLIG1 Antibody [NBP1-28666] - Neonatal rat brain lysate showing specific immunolabeling of the ~ 27k Olig1 protein.



Immunocytochemistry/Immunofluorescence: Olig1 Antibody [NBP1-28666] - Immunostaining of primary rat oligodendrocytes using anti-Olig1.



## Publications

Motizuki M, Isogaya K, Miyake K et al. Oligodendrocyte transcription factor 1 (Olig1) is a Smad cofactor involved in cell motility induced by transforming growth factor-beta. J Biol Chem 2013-05-17 [PMID: 23720758] (WB, Mouse)



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### **Products Related to NBP1-28666**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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