

# Product Datasheet

## Olig2 Antibody - BSA Free NBP2-27301

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-27301**

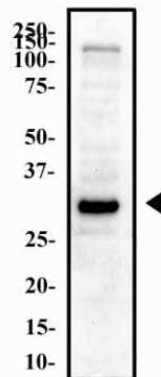
Olig2 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	10215
<b>Gene Symbol</b>	OLIG2
<b>Species</b>	Human, Mouse
<b>Marker</b>	Oligodendrocyte Marker
<b>Immunogen</b>	A portion of amino acids 70-130 of human OLIG2 was used as the immunogen for the antibody.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 2 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:400, Immunohistochemistry-Paraffin 1:400 - 1:800
<b>Application Notes</b>	For antigen retrieval, it is recommended to use 0.01 M Sodium Citrate, pH 6.0.

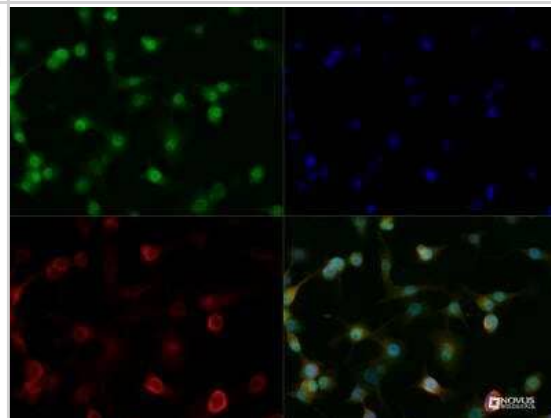


## Images

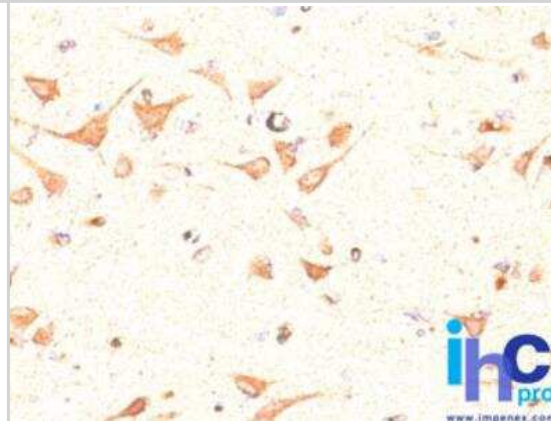
**Western Blot: Olig2 Antibody [NBP2-27301]** - Mouse brain lysate was separated on a 12% gel using SDS-PAGE, protein transferred to PVDF membrane and blocked in 5% milk-TBST. The membrane was probed with 2 ug/mL Olig2 antibody in 1% milk and detected with an anti-rabbit HRP conjugated secondary using chemiluminescence.



**Immunocytochemistry/Immunofluorescence: Olig2 Antibody [NBP2-27301]** - Neuro2a cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton X-100. The cells were incubated with Olig2 NBP2-27301 at a 1:200 dilution overnight at 4 degrees Celsius and detected using Dylight 488 (Green). Alpha tubulin was used as a co-stain at a 1:1000 dilution and detected with Dylight 550 (Red). Nuclei were detected with DAPI (Blue). Cells were imaged using a 40X objective.



**Immunohistochemistry-Paraffin: Olig2 Antibody [NBP2-27301]** - OLIG2 Antibody [NBP2-27301] - FFPE human cerebellum probed with OLIG2 antibody at 1:200.





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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
H00010215-P01-10ug	Recombinant Human Olig2 GST (N-Term) Protein

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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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