

# 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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Updated 9/9/2025 v.20.1

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**NBP2-27301**

Olig2 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

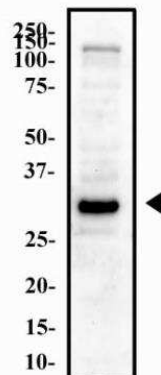
Product Description	
Description	Novus Biologicals Rabbit Olig2 Antibody - BSA Free (NBP2-27301) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10215
Gene Symbol	OLIG2
Species	Human, Mouse
Marker	Oligodendrocyte Marker
Immunogen	A portion of amino acids 70-130 of human OLIG2 was used as the immunogen for the antibody.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 2 ug/mL, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:400, Immunohistochemistry-Paraffin 1:400 - 1:800
Application Notes	For antigen retrieval, it is recommended to use 0.01 M Sodium Citrate, pH 6.0.

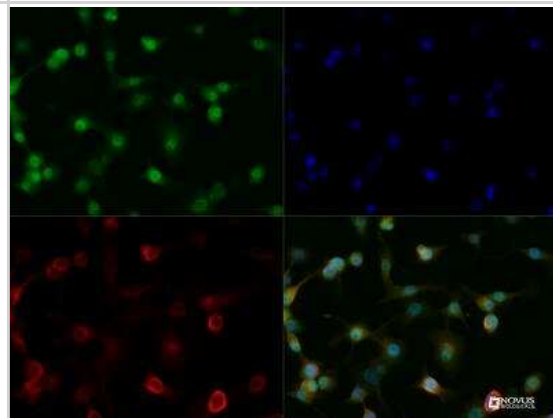


## Images

**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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### **Products Related to NBP2-27301**

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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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