

# OLIG2 Polyclonal Antibody

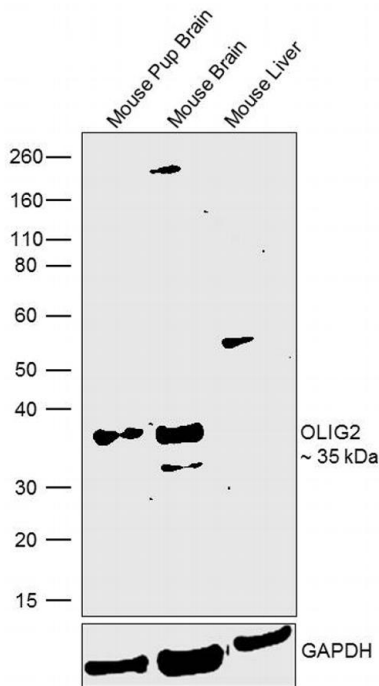
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A portion of amino acids 70-130 of human OLIG2 was used as the immunogen for the antibody.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2540956

Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	1:400-1:800	-
Immunocytochemistry (ICC/IF)	1:400	-

## Product Images For OLIG2 Polyclonal Antibody

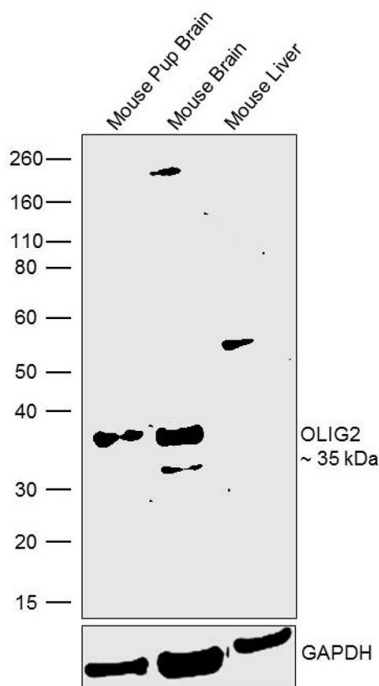
### OLIG2 Antibody (PA5-23456) in WB

Western blot was performed using Anti-OLIG2 Polyclonal Antibody (Product # PA5-23456) and a 35 kDa band corresponding to OLIG2 was observed in the tissues tested. Tissue extracts (30 µg lysate) of Mouse Pup Brain (Lane 1), Mouse Brain (Lane 2) and Mouse Liver (Lane 3) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).



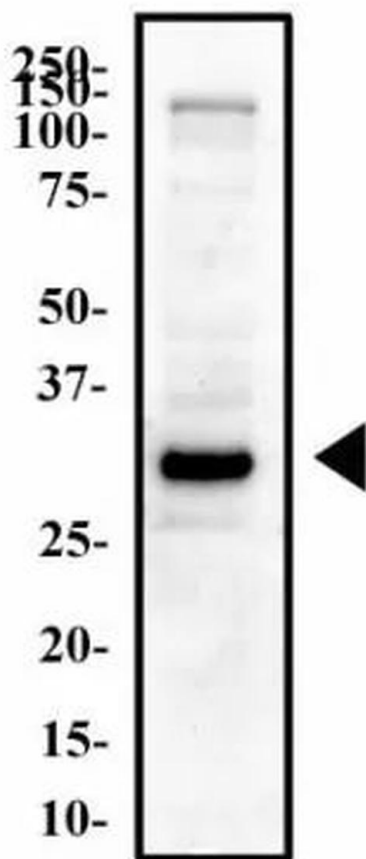
### OLIG2 Antibody (PA5-23456)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues tested owing to their inherent genetic constitution. Higher expression of OLIG2 was observed in Mouse Pup Brain and Mouse Brain in comparison to Mouse Liver, a negative model for OLIG2 expression, using Anti-OLIG2 Polyclonal Antibody (Product # PA5-23456) in Western Blot. {RE}



### OLIG2 Antibody (PA5-23456) in WB

Western blot analysis of OLIG2 in mouse brain lysate. Samples were incubated in OLIG2 polyclonal antibody (Product # PA5-23456) using a dilution of 2 µg/mL followed by an anti-rabbit HRP secondary antibody. Separated on a 12% gel using SDS-PAGE, protein transferred to PVDF membrane and blocked in 5% milk-TBST. Detection: chemiluminescence.



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