

**OLIG3 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP8632c**

**Specification**

**OLIG3 Antibody (Center) - Product Information**

Application	WB, FC, IHC-P,E
Primary Accession	<a href="#">Q7RTU3</a>
Other Accession	<a href="#">Q6PFG8</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	29358
Antigen Region	74-100

**OLIG3 Antibody (Center) - Additional Information**

**Gene ID 167826**

**Other Names**

Oligodendrocyte transcription factor 3, Oligo3, Class B basic helix-loop-helix protein 7, bHLHb7, Class E basic helix-loop-helix protein 20, bHLHe20, OLIG3, BHLHB7, BHLHE20

**Target/Specificity**

This OLIG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-100 amino acids from the Central region of human OLIG3.

**Dilution**

WB~~1:1000  
FC~~1:10~50  
IHC-P~~1:50~100  
E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

OLIG3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**OLIG3 Antibody (Center) - Protein Information**

**Name** OLIG3

**Synonyms** BHLHB7, BHLHE20

**Function** May determine the distinct specification program of class A neurons in the dorsal part of the spinal cord and suppress specification of class B neurons.

**Cellular Location**

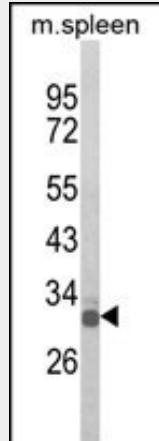
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

### OLIG3 Antibody (Center) - Protocols

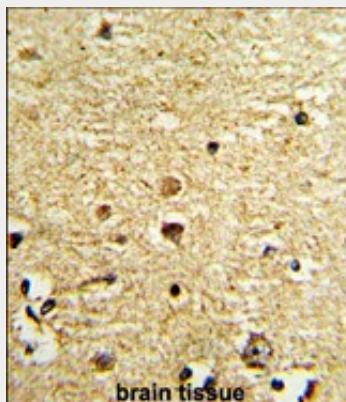
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

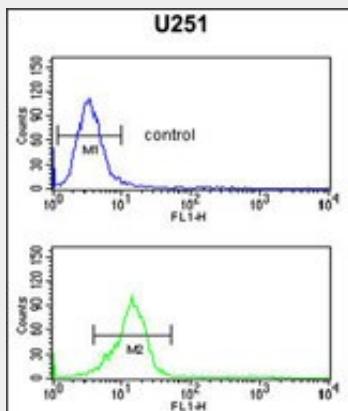
### OLIG3 Antibody (Center) - Images



Western blot analysis of OLIG3 Antibody (Center) (Cat. #AP8632c) in mouse spleen tissue lysates (35ug/lane). OLIG3 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue with OLIG3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



OLIG3 Antibody (Center) (Cat. #AP8632c) flow cytometric analysis of U251 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### **OLIG3 Antibody (Center) - Background**

OLIG3 may determine the distinct specification program of class A neurons in the dorsal part of the spinal cord and suppress specification of class B neurons.

### **OLIG3 Antibody (Center) - References**

Muller,T., et.al., Genes Dev. 19 (6), 733-743 (2005)