

Mouse Olig1 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21009a**Specification**

Mouse Olig1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9JKN5
Other Accession	O9WUQ3
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27141

Mouse Olig1 Antibody (Center) - Additional Information**Gene ID** 50914**Other Names**

Oligodendrocyte transcription factor 1, Oligo1, Oligodendrocyte-specific bHLH transcription factor 1, Olig1

Target/Specificity

This Mouse Olig1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 161-194 amino acids from the Central region of mouse Olig1.

Dilution

WB~~1:1000

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

Mouse Olig1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Olig1 Antibody (Center) - Protein Information**Name** Olig1**Function** Promotes formation and maturation of oligodendrocytes, especially within the brain.

Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.

Cellular Location

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

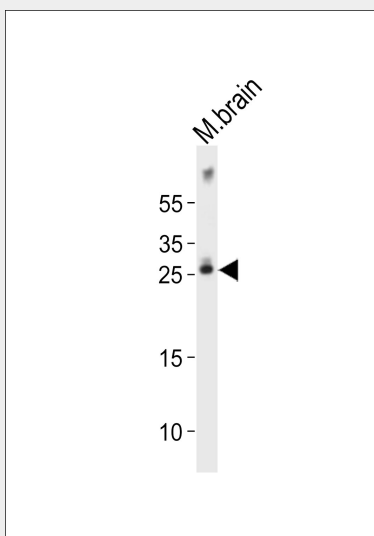
Tissue Location

Expressed specifically in brain.

Mouse Olig1 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](#)

Mouse Olig1 Antibody (Center) - Images

Western blot analysis of lysate from mouse brain tissue lysate, using Olig1 Antibody (Center)(Cat. #AP21009a). AP21009a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Mouse Olig1 Antibody (Center) - Background

Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.

Mouse Olig1 Antibody (Center) - References

Takebayashi H.,et al.Mech. Dev. 99:143-148(2000).
Zhou Q.,et al.Neuron 25:331-343(2000).
Lu Q.R.,et al.Neuron 25:317-329(2000).

Lu Q.R.,et al.Cell 109:75-86(2002).