

MOG Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50860**Specification**

MOG Antibody - Product Information

Application	WB
Primary Accession	Q16653
Reactivity	Human, Mouse, Rat, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24; [uniprot]12-28; [EPI]28; kDa
Antigen Region	35-55/247

MOG Antibody - Additional Information**Gene ID** 4340**Other Names**

Myelin-oligodendrocyte glycoprotein, MOG

Dilution

WB~~ 1:500

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MOG Antibody - Protein Information**Name** MOG**Function**

Mediates homophilic cell-cell adhesion (By similarity). Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication.

Cellular Location

[Isoform 1]: Cell membrane; Multi- pass membrane protein [Isoform 2]: Cell membrane; Single-pass type I membrane protein [Isoform 4]: Cell membrane; Single- pass type I membrane protein [Isoform 7]: Cell membrane; Single- pass type I membrane protein [Isoform 9]: Cell membrane; Single- pass type I membrane protein

Tissue Location

Found exclusively in the CNS, where it is localized on the surface of myelin and oligodendrocyte

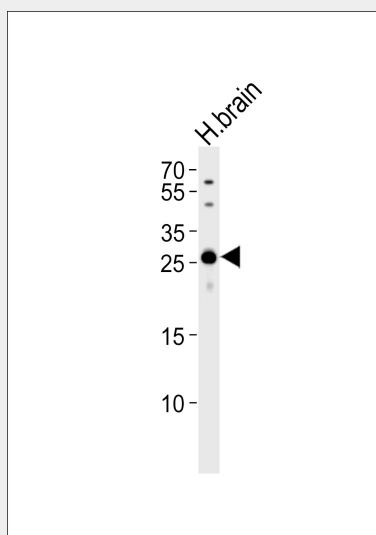
cytoplasmic membranes

MOG Antibody - 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](#)

MOG Antibody - Images



Western blot analysis of lysate from human brain tissue lysate, using MOG Antibody (AP50860). AP50860 was diluted at 1:500. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

MOG Antibody - Background

Mediates homophilic cell-cell adhesion (By similarity). Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication.

MOG Antibody - References

Hilton A.A., et al. J. Neurochem. 65:309-318 (1995).
Pham-Dinh D., et al. J. Neurochem. 63:2353-2356 (1994).
Roth M.-P., et al. Genomics 28:241-250 (1995).
Pham-Dinh D., et al. Genomics 29:345-352 (1995).
Ballenthin P.A., et al. J. Neurosci. Res. 46:271-281 (1996).