10320 Camino Santa Fe, Suite G
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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 ℃ 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 ℃.

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

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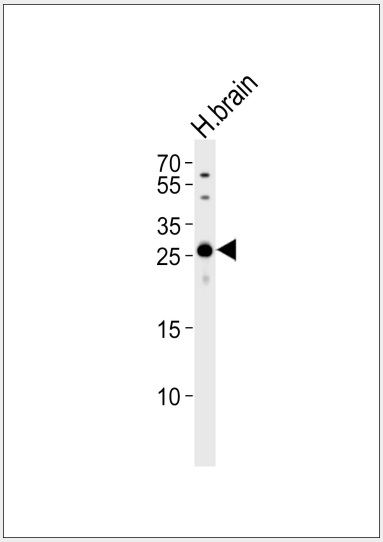
cytoplasmic membranes

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 Cytomety
- 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

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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).
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Ballenthin P.A.,et al.J. Neurosci. Res. 46:271-281(1996).