

Myelin PLP Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50859**Specification**

Myelin PLP Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P60201
Reactivity	Human, Mouse, Rat, Dog, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30; [uniprot]30,26; KDa
Antigen Region	21-120/277

Myelin PLP Antibody - Additional Information**Gene ID** 5354**Other Names**

Myelin proteolipid protein, PLP, Lipophilin, PLP1, PLP

Dilution

WB~~ 1:500<br \>IHC-P~~1:100~1:500

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.

Myelin PLP Antibody - Protein Information**Name** PLP1**Synonyms** PLP**Function**

This is the major myelin protein from the central nervous system. It plays an important role in the formation or maintenance of the multilamellar structure of myelin.

Cellular Location

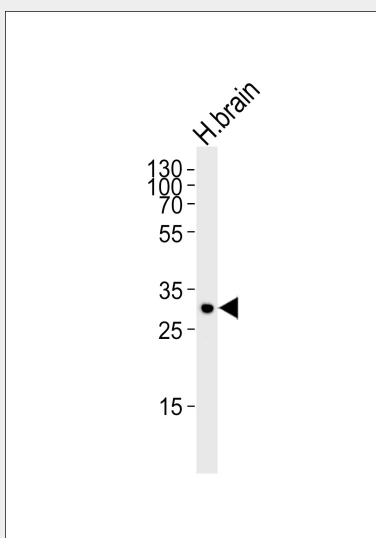
Cell membrane; Multi-pass membrane protein. Myelin membrane. Note=Colocalizes with SIRT2 in internodal regions, at paranodal axoglial junction and Schmidt-Lanterman incisures of myelin sheath.

Myelin PLP Antibody - Protocols

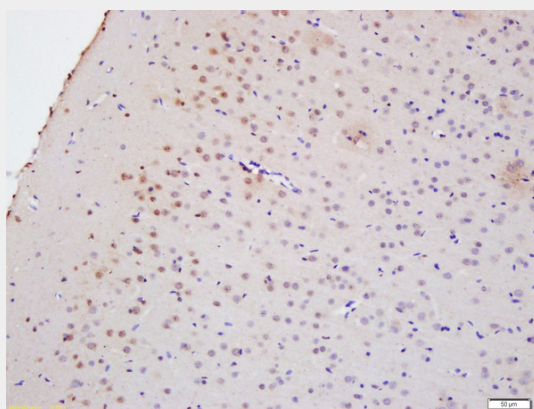
Provided below are standard protocols that you may find useful for product applications.

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

Myelin PLP Antibody - Images



Western blot analysis of lysate from human brain tissue lysate, using Myelin PLP Antibody (AP50859). AP50859 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 35 µg.



Formalin-fixed and paraffin embedded rat brain labeled with Anti-Myelin PLP Polyclonal Antibody, Unconjugated (AP50859) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Myelin PLP Antibody - Background

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formation or maintenance of the multilamellar structure of myelin.

Myelin PLP Antibody - References

Diehl H.-J., et al. Proc. Natl. Acad. Sci. U.S.A. 83:9807-9811(1986).
Simons R., et al. Biochem. Biophys. Res. Commun. 146:666-671(1987).
Hudson L.D., et al. Proc. Natl. Acad. Sci. U.S.A. 86:8128-8131(1989).
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ross M.T., et al. Nature 434:325-337(2005).