

PLP1 / Myelin PLP Antibody (C-Terminus, clone plpc1)
Mouse Monoclonal Antibody
Catalog # ALS12512

Specification

PLP1 / Myelin PLP Antibody (C-Terminus, clone plpc1) - Product Information

Application	IHC
Primary Accession	P60201
Reactivity	Human, Bovine
Host	Mouse
Clonality	Monoclonal
Calculated MW	30kDa KDa

PLP1 / Myelin PLP Antibody (C-Terminus, clone plpc1) - Additional Information

Gene ID 5354

Other Names

Myelin proteolipid protein, PLP, Lipophilin, PLP1, PLP

Target/Specificity

Recognizes myelin proteolipid protein (PLP) in many mammalian species. This Recognizes DM20. PLP encodes the major protein components of compact CNS myelin and mutations in the PLP gene can lead to severe dysmyelinating disease

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing. Store undiluted.

Precautions

PLP1 / Myelin PLP Antibody (C-Terminus, clone plpc1) is for research use only and not for use in diagnostic or therapeutic procedures.

PLP1 / Myelin PLP Antibody (C-Terminus, clone plpc1) - 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.

Volume

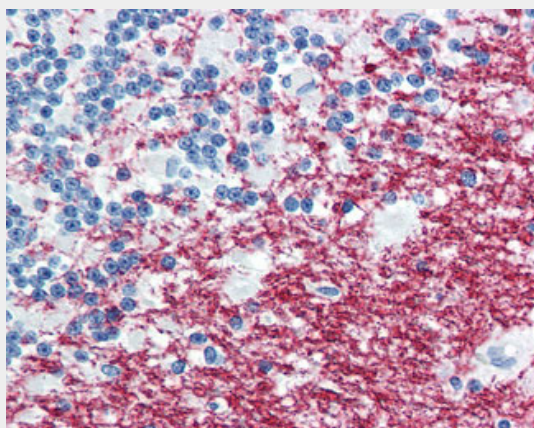
50 µl

PLP1 / Myelin PLP Antibody (C-Terminus, clone plpc1) - 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](#)

PLP1 / Myelin PLP Antibody (C-Terminus, clone plpc1) - Images



Anti-PLP1 antibody IHC of human brain, cerebellum.

PLP1 / Myelin PLP Antibody (C-Terminus, clone plpc1) - Background

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PLP1 / Myelin PLP Antibody (C-Terminus, clone plpc1) - 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).