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Rat Plp1 Antibody (Center)

Mouse Monoclonal Antibody (Mab)
Catalog # AM2143b

Specification

Rat Plp1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P60203
Other Accession	P47789, Q712P7, P60202, Q8HXW7, P60201, P23289, P04116, NP_112252.1
Reactivity	**Human**
Predicted	**Bovine, Chicken, Monkey, Mouse, Pig, Rabbit**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgM**
Calculated MW	**30077**
Antigen Region	**248-277**

Rat Plp1 Antibody (Center) - Additional Information

Gene ID 24943

Other Names
Myelin proteolipid protein, PLP, Lipophilin, Plp1, Plp

Target/Specificity
This Rat Plp1 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 248-277 amino acids from the Central region of rat Plp1.

Dilution
WB~~1:1000

Format
Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

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
Rat Plp1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Rat Plp1 Antibody (Center) - Protein Information

Name Plp1

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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.

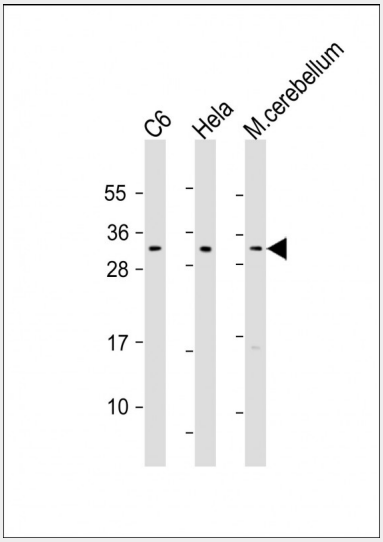
Cellular Location
Cell membrane; Multi-pass membrane protein. Myelin membrane. Note=Colocalizes with SIRT2 in internodal regions, at paranodal axoglial junction and Schmidt- Lanterman incisures of myelin sheat.

Rat Plp1 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 Cytomety
- Cell Culture

Rat Plp1 Antibody (Center) - Images



All lanes : Anti- at 1:1000 dilution Lane 1: C6 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: mouse cerebellum lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 30 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Rat Plp1 Antibody (Center) - Background

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.

Rat Plp1 Antibody (Center) - References

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Boucher, S.E., et al. J. Neurosci. 22(5):1772-1783(2002)
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