

PLLP Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP18280a

Specification

PLLP Antibody (N-term) - Product Information

Application Primary Accession Other Accession Reactivity Predicted Host Clonality Isotype Calculated MW Antigen Region WB,E <u>O9Y342</u> <u>P47987</u>, <u>O9DCU2</u>, <u>NP_057077.1</u> Human Mouse, Rat Rabbit Polyclonal Rabbit IgG 19987 1-30

PLLP Antibody (N-term) - Additional Information

Gene ID 51090

Other Names Plasmolipin, Plasma membrane proteolipid, PLLP, PMLP, TM4SF11

Target/Specificity

This PLLP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PLLP.

Dilution WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

PLLP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PLLP Antibody (N-term) - Protein Information

Name PLLP

Synonyms PMLP, TM4SF11



Function Appears to be involved in myelination. Could also participate in ion transport events as addition of plasmolipin to lipid bilayers induces the formation of ion channels, which are voltage-dependent and K(+)-selective (By similarity).

Cellular Location

Membrane; Multi-pass membrane protein.

PLLP Antibody (N-term) - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

PLLP Antibody (N-term) - Images

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PLLP Antibody (N-term) (Cat. #AP18280a) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the PLLP antibody detected the PLLP protein (arrow).

PLLP Antibody (N-term) - Background

PLLP appears to be involved in myelination. Could also participate in ion transport events as addition of plasmolipin to lipid bilayers induces the formation of ion channels, which are voltage-dependent and K(+)-selective (By similarity).

PLLP Antibody (N-term) - References

Lamesch, P., et al. Genomics 89(3):307-315(2007) Hamacher, M., et al. Mamm. Genome 12(12):933-937(2001) Fischer, I., et al. J. Biol. Chem. 269(40):24912-24919(1994)