PLLP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PLLP, Polyclonal Antibody
Full Product Name	PLLP Polyclonal Antibody
Product Gene Name	anti-PLLP antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	19kDa
OMIM	AF137386 mRNA
3D Structure	ModBase 3D Structure for Q9Y342
Immunogen	A synthetic peptide of human PLLP (NP_057077.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PLLP antibody	Western Blot (WB)
Application Notes for anti-PLLP antibody	WB: 1:500-1:2000
Related Product Information for anti-PLLP antibody	MBS8570514 is an antibody targeting PLLP. Also known as PLLP Polyclonal Antibody. Reactive in Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-PLLP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PLLP. It may not necessarily be applicable to this product.

NCBI GI #	7705755
NCBI GeneID	51090
NCBI Accession #	NP_057077.1
UniProt Primary Accession #	Q9Y342
UniProt Related Accession #	Q9Y342
GenBank Nucleotide #	NP_057077.1
NCBI Official Full Name	plasmolipin

NCBI Official Synonym Full Names	plasmolipin
NCBI Official Symbol	PLLP
NCBI Official Synonym Symbols	PMLP; TM4SF11
UniProt Protein Name	Plasmolipin
UniProt Synonym Protein Names	Plasma membrane proteolipid
Protein Family	Plasmolipin
UniProt Gene Name	PLLP
UniProt Synonym Gene Names	PMLP; TM4SF11
NCBI Protein Information	plasmolipin
UniProt Comments for PLLP	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. Belongs to the MAL family. Protein type: Cell surface; Membrane protein, integral; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 16q13 Cellular Component: compact myelin; integral component of membrane; membrane raft Molecular Function: protein binding; structural constituent of myelin sheath Biological Process: ion transport; lipid raft polarization; myelination; protein localization; response to wounding
Research Articles on PLLP	**1.** These data support a model in which PLLP functions in myelin biogenesis through organization of myelin liquid-ordered membranes in the Golgi complex.
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