PLCL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PLCL1, Polyclonal Antibody
Full Product Name	PLCL1 Antibody, Biotin conjugated
Product Gene Name	anti-PLCL1 antibody
Product Synonym Names	Inactive phospholipase C-like protein 1; PLC-L1; Phospholipase C-deleted in lung carcinoma; Phospholipase C-related but catalytically inactive protein; PRIP; PLCL1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PLCL1 (MBS7110155) Biotin Conjugated Antibody: PLCL1 (MBS7110158)
Molecular Weight	113,012 Da
OMIM	D42108 mRNA
3D Structure	ModBase 3D Structure for Q15111
Immunogen	Recombinant Human Inactive phospholipase C-like protein 1 protein (1-108AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-PLCL1 antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PLCL1 antibody	ELISA (EIA)
Related Product Information for anti-PLCL1 antibody	Involved in an inositol phospholipid-based intracellular signaling cascade. Shows no PLC activity to phosphatidylinositol 4, 5-bisphosphate and phosphatidylinositol. Component in the phospho-dependent endocytosis process of GABA A receptor (By similarity). Regulates the turnover of receptors and thus contributes to the maintenance of GABA-mediated synaptic inhibition. Its aberrant expression could contribute to the genesis and progression of lung carcinoma. Acts as an inhibitor of PPP1C.
Other Notes	Small volumes of anti-PLCL1 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.
Searchable Terms for PLCL1 purchase	MBS7110158 is an antibody targeting PLCL1. Also known as PLCL1 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PLCL1. It may not necessarily be applicable to this product.

NCBI GI #	254939661
NCBI GeneID	5334
NCBI Accession #	NP_006217.3
UniProt Primary Accession #	Q15111
UniProt Secondary Accession #	Q3MJ90; Q53SD3; Q7Z3S3
UniProt Related Accession #	Q15111
GenBank Nucleotide #	NM_006226.3
NCBI Official Full Name	inactive phospholipase C-like protein 1
NCBI Official Synonym Full Names	phospholipase C like 1 (inactive)
NCBI Official Symbol	PLCL1
NCBI Official Synonym Symbols	PLCE; PLCL; PRIP; PLDL1; PPP1R127
UniProt Protein Name	Inactive phospholipase C-like protein 1
UniProt Synonym Protein Names	Phospholipase C-deleted in lung carcinoma; Phospholipase C-related but catalytically inactive protein; PRIP
Protein Family	Inactive phospholipase C-like protein
UniProt Gene Name	PLCL1
UniProt Synonym Gene Names	PLC-L1; PRIP
NCBI Protein Information	inactive phospholipase C-like protein 1
UniProt Comments for PLCL1	Involved in an inositol phospholipid-based intracellular signaling cascade. Shows no PLC activity to phosphatidylinositol 4,5-bisphosphate and phosphatidylinositol. Component in the phospho-dependent endocytosis process of GABA A receptor (). Regulates the turnover of receptors and thus contributes to the maintenance of GABA-mediated synaptic inhibition. Its aberrant expression could contribute to the genesis and progression of lung carcinoma. Acts as an inhibitor of PPP1C.
Research Articles on PLCL1	**1.** susceptibility gene for dermatomyositis in Chinese patients with idiopathic inflammatory myopathies
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