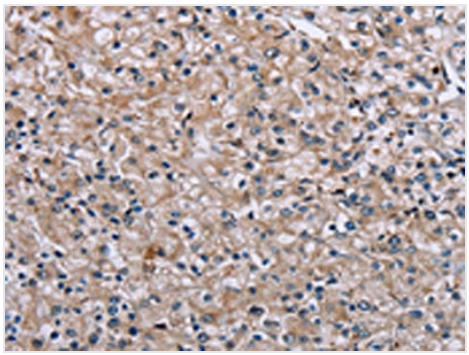
PLCL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PLCL1, Polyclonal Antibody
Full Product Name	PLCL1 Antibody
Product Gene Name	anti-PLCL1 antibody
Product Synonym Names	phospholipase C-like 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	122,728 Da
OMIM	600597
3D Structure	ModBase 3D Structure for Q15111
Immunogen	Synthetic peptide of human PLCL1
Immunogen Species	Human
Conjugate	Non-conjugated
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), Immunohistochemistry (IHC)
Application Notes for anti-PLCL1 antibody	ELISA: 1:1000-1:2000 IHC: 1:25-1:100
Related Product Information for anti-PLCL1 antibody	MBS7129522 is an antibody targeting PLCL1. Also known as PLCL1 Antibody. Reactive in Human. Host: Rabbit.
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.



Immunohistochemistry (IHC)-Paraffin of anti-PLCL1 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using MBS7129522(PLCL1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

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
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
UniProt Entry Name	PLCL1_HUMAN
NCBI Protein Information	inactive phospholipase C-like protein 1; PLC-L1; phospholipase C, epsilon; phospholipase C-deleted in lung carcinoma; protein phosphatase 1, regulatory subunit 127; phospholipase C-related but catalytically inactive protein; phospholipase C related, but c

UniProt Comments for PLCL1	PLCL1: a protein closely related to phospholipase C-d1 (PLC-d1) but catalytically inactive. First identified as a novel inositol 1,4,5-trisphosphate binding protein. Has a number of binding partners including protein phosphatase (PP1 and 2A), GABA(A) receptor associated protein, and the beta subunits of GABA(A) receptors, in addition to inositol 1,4,5-trisphosphate. Plays an important role in controlling the dynamics of GABA(A) receptor phosphorylation through PP1 binding and, therefore, the efficacy of synaptic inhibition mediated by these receptors. Protein type: Phospholipase Chromosomal Location of Human Ortholog: 2q33 Cellular Component: cytoplasm; plasma membrane Molecular Function: signal transducer activity; GABA receptor binding; phosphoinositide phospholipase C activity; phospholipase C activity Biological Process: regulation of peptidyl-serine phosphorylation; lipid metabolic process; regulation of synaptic transmission, GABAergic; gamma-aminobutyric acid signaling pathway
Research Articles on PLCL1	**1.** PRIP interacts with the catalytic subunits of PP1 and PP2A and the interactions are regulated by phosphorylation. [review]
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/plcl1/7129522