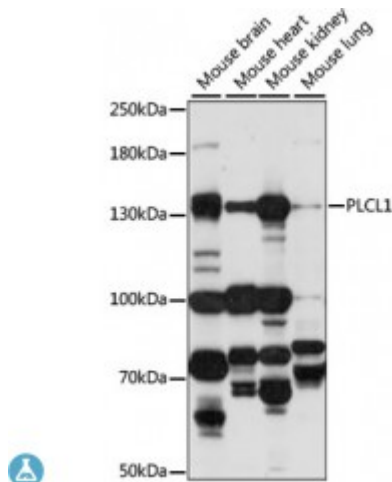


Anti-PLCL1 Antibody



Model	STJ117497
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 110-350 of human PLCL1 (NP_006217.3).
Gene ID	5334
Gene Symbol	PLCL1
Dilution range	WB 1:200 - 1:2000
Tissue Specificity	Expressed in a variety of fetal and adult organs including brain, lung and kidney, Its expression was greatly reduced in small and non-small cell lung carcinoma, Isoform 1 is predominantly expressed in brain
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Inactive phospholipase C-like protein 1 PLC-L1 Phospholipase C-deleted in lung carcinoma Phospholipase C-related but catalytically inactive protein PRIP
Molecular Weight	122.728 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9063OMIM:600597
Alternative Names	Inactive phospholipase C-like protein 1 PLC-L1 Phospholipase C-deleted in lung carcinoma Phospholipase C-related but catalytically inactive protein PRIP
Function	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,
Cellular Localization	Cytoplasm
Post-translational Modifications	Phosphorylated by the catalytic subunit of PKA, Phosphorylation of Thr-93 resulted in dissociation of PPP1C from PRIP1 ,

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