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Datasheet for ABIN911381

anti-PLCL1 antibody (AA 1001-1096) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	PLCL1
Binding Specificity:	AA 1001-1096
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLCL1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PLCL1
Isotype:	IgG
Specificity:	This antibody may exhibit a slight secondary cross-reactivity with PLCL2 due to a 69 % non-sequential sequence similarity over the immunogen range.
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	PLCL1
Alternative Name:	PLCL1 (PLCL1 Products)
Background:	<p>Synonyms: PLCL1, PLCE, Phospholipase C deleted in lung carcinoma, Phospholipase C epsilon, Phospholipase C like 1, Phospholipase C related but catalytically inactive protein, Phospholipase C related, but catalytically inactive protein, PLCE, PLCL, PRIP, Plcl1, C230017K02Rik, KIAA1092, PLC-L, PLC-L1, PLCE, PLCL, PRIP, PRIP-1, PLCL1_HUMAN.</p> <p>Background: PLCL1 is involved an inositol phospholipid based intracellular signaling cascade. Shows no PLC activity to phosphatidylinositol 4,5-bisphosphate and sphatidylinositol. Component in the 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.</p>
Gene ID:	5334

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months