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Datasheet for ABIN911380

## anti-PLCL1 antibody (AA 1001-1096) (Alexa Fluor 647)

### 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 647   |
| 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

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|                   |  |
|-------------------|--|
| Target:           | PLCL1  |
| Alternative Name: | PLCL1 ( <a href="#">PLCL1 Products</a> )   |
| 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

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

## Handling

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|                    |  |
|--------------------|--|
| 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  |