

Product datasheet for **TA345144**

PLCD1 Rabbit Polyclonal Antibody

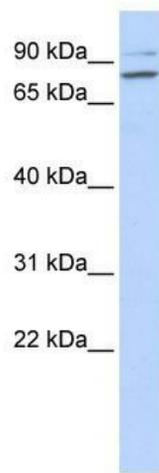
Product data:

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| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-PLCD1 antibody: synthetic peptide directed towards the N terminal of human PLCD1. Synthetic peptide located within the following region: HWIHSCLRKADKNKDNKMSFKELQNFLKELNIQVDDSYARKIFRECDHSQ |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 86 kDa |
| Gene Name: | phospholipase C delta 1 |
| Database Link: | NP_006216 Entrez Gene 5333 Human P51178 |



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| Background: | This gene encodes a member of the phospholipase C family. Phospholipase C isozymes play critical roles in intracellular signal transduction by catalyzing the hydrolysis of phosphatidylinositol 4,5-bisphosphate (PIP2) into the second messengers diacylglycerol (DAG) and inositol triphosphate (IP3). The encoded protein functions as a tumor suppressor in several types of cancer, and mutations in this gene are a cause of hereditary leukonychia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011] |
| Synonyms: | NDNC3; PLC-III |
| Note: | Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93% |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Calcium signaling pathway, Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system |

Product images:

WB Suggested Anti-PLCD1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Human brain