

## Rabbit anti-Human, Mouse PLCD3 Polyclonal Antibody | anti-PLCD3 antibody

PLCD3 Antibody

|                               |                       |                                   |                                                           |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA319709</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

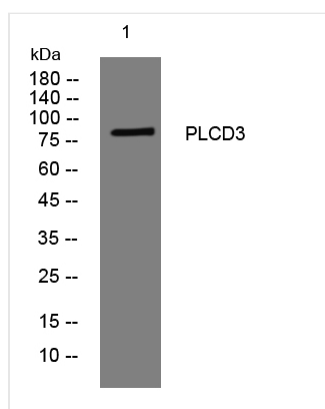
### PRODUCT SYNONYMS

PLCD3; Polyclonal Antibody; PLCD3 Antibody; anti-PLCD3 antibody

### PRODUCT SPECIFICATIONS

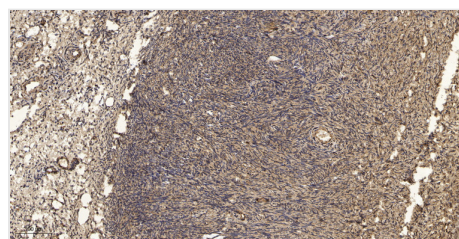
|                                                 |                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                |
| Reactivity                                      | Human, Mouse                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                            |
| Isotype                                         | Rabbit IgG                                                                                                            |
| Specificity                                     | This antibody detects endogenous levels of PLCD3 at Human/Mouse                                                       |
| Purity/Purification                             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Form/Format                                     | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                               |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                |
| Applicable Applications for anti-PLCD3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                         |
| Immunogen                                       | Synthesized peptide derived from human PLCD3 AA range: 501-551                                                        |
| Modification                                    | Unmodified/Total                                                                                                      |
| Preparation and Storage                         | Store at -20 degree C/1 year                                                                                          |

### IMAGES



#### WB (Western Blot)

Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4 degree over night



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PLCD3 antibody | This gene encodes a member of the phospholipase C family, which catalyze the hydrolysis of phosphatidylinositol 4,5-bisphosphate to generate the second messengers diacylglycerol and inositol 1,4,5-trisphosphate (IP3). Diacylglycerol and IP3 mediate a variety of cellular responses to extracellular stimuli by inducing protein kinase C and increasing cytosolic Ca(2+) concentrations. This enzyme localizes to the plasma membrane and requires calcium for activation. Its activity is inhibited by spermine, sphingosine, and several phospholipids. [provided by RefSeq, Jul 2008] |
| Product Categories/Family for anti-PLCD3 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 19115964                                                                                                                                                                                   |
| NCBI GeneID                      | 113026                                                                                                                                                                                     |
| NCBI Accession #                 | NP_588614                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_133373                                                                                                                                                                                  |
| UniProt Accession #              | Q8N3E9; Q8TEC1; Q8TF37; Q96FL6                                                                                                                                                             |
| Molecular Weight                 | 89,258 Da                                                                                                                                                                                  |
| NCBI Official Full Name          | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3                                                                                                                          |
| NCBI Official Synonym Full Names | phospholipase C, delta 3                                                                                                                                                                   |
| NCBI Official Symbol             | PLCD3                                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | PLC-delta-3                                                                                                                                                                                |
| NCBI Protein Information         | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase delta-3; PLC delta3; phosphoinositide phospholipase C-delta-3 |
| UniProt Protein Name             | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3                                                                                                                          |
| UniProt Gene Name                | PLCD3                                                                                                                                                                                      |
| UniProt Synonym Gene Names       | KIAA1964; PLC-delta-3                                                                                                                                                                      |
| UniProt Entry Name               | PLCD3_HUMAN                                                                                                                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/plcd3-antibody-immunohistochemistry-western-blot-elisa/319709>