

## Rabbit anti-Human, Mouse Phospholipase D4 Polyclonal Antibody | anti-PLD4 antibody

Rabbit anti-Phospholipase D4 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA220478 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

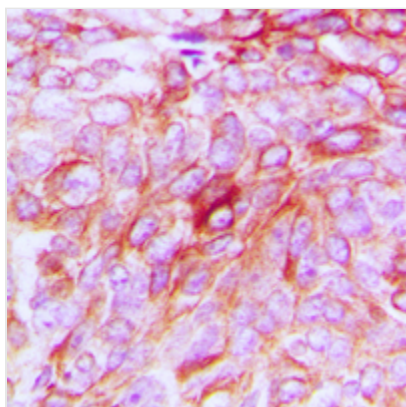
### PRODUCT SYNONYMS

Phospholipase D4; Polyclonal Antibody; Rabbit anti-Phospholipase D4 Antibody; C14orf175; PLD 4; Choline phosphatase 4; Phosphatidylcholine-hydrolyzing phospholipase D4; anti-PLD4 antibody

### PRODUCT SPECIFICATIONS

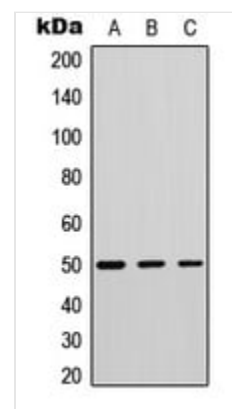
|                                                |                                                                                                                                                 |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                          |
| Reactivity                                     | Human, Mouse                                                                                                                                    |
| Clonality                                      | Polyclonal                                                                                                                                      |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                                 |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                       |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                                                          |
| Applicable Applications for anti-PLD4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                   |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Phospholipase D4. The exact sequence is proprietary. |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                                       |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Phospholipase D4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Phospholipase D4 expression in human tonsil (A), mouse testis (B), mouse muscle (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Product Categories/Family for anti-PLD4 antibody | Primary antibodies |
|--------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 94681038                                                                                         |
| NCBI GeneID                      | 122618                                                                                           |
| NCBI Accession #                 | NP_620145.2                                                                                      |
| NCBI GenBank Nucleotide #        | NM_138790.2                                                                                      |
| UniProt Accession #              | Q96BZ4; Q8BG07                                                                                   |
| Molecular Weight                 | 55,626 Da                                                                                        |
| NCBI Official Full Name          | phospholipase D4                                                                                 |
| NCBI Official Synonym Full Names | phospholipase D family, member 4                                                                 |
| NCBI Official Symbol             | PLD4                                                                                             |
| NCBI Official Synonym Symbols    | C14orf175                                                                                        |
| NCBI Protein Information         | phospholipase D4; PLD 4; choline phosphatase 4; phosphatidylcholine-hydrolyzing phospholipase D4 |
| UniProt Protein Name             | Phospholipase D4                                                                                 |
| UniProt Gene Name                | <b>PLD4</b>                                                                                      |
| UniProt Synonym Gene Names       | C14orf175; PLD 4                                                                                 |
| UniProt Entry Name               | PLD4_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospholipase-d4-antibody-immunohistochemistry-western-blot-elisa/220478>