

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

Rabbit anti-human Phospholipase D4 polyclonal Antibody(PLD4)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA230037 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

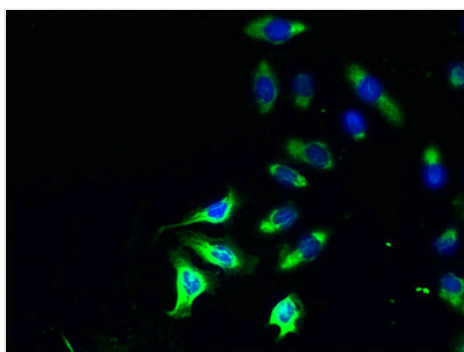
### PRODUCT SYNONYMS

Phospholipase D4; Polyclonal Antibody; Rabbit anti-human Phospholipase D4 polyclonal Antibody(PLD4); PLD 4; Choline phosphatase 4; Phosphatidylcholine-hydrolyzing phospholipase D4; UNQ2488/PRO5775; C14orf175; PLD4; anti-PLD4 antibody

### PRODUCT SPECIFICATIONS

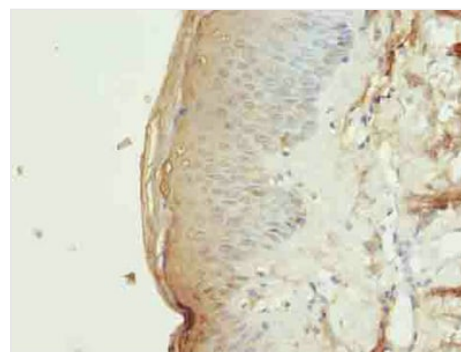
|                                                |                                                                                          |
|------------------------------------------------|------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                   |
| Reactivity                                     | Human                                                                                    |
| Clonality                                      | Polyclonal                                                                               |
| Isotype                                        | IgG                                                                                      |
| Purity/Purification                            | Caprylic Acid Ammonium Sulfate Precipitation purified                                    |
| Form/Format                                    | Liquid                                                                                   |
| Sequence Length                                | 506                                                                                      |
| Applicable Applications for anti-PLD4 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA            |
| Immunogen                                      | Recombinant human Phospholipase D4 protein (52-506AA)                                    |
| Conjugation                                    | Non-conjugated                                                                           |
| Storage Buffer                                 | Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4           |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C. |

### IMAGES



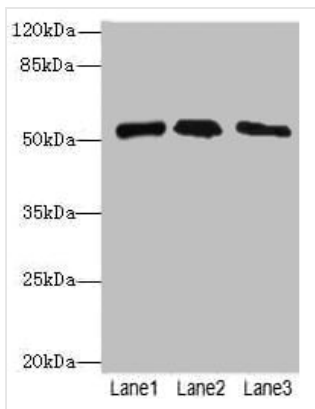
IHC (Immunohistochemisry)

Immunofluorescent analysis of A549 cells using AAA230037 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human skin tissue using AAA230037 at dilution of 1:100



**WB (Western Blot)**  
 Western blotAll lanes: PLD4 antibody at 4ug/mlLane 1: K562 whole cell lysateLane 2: Thp-1 whole cell lysateLane 3: Human placenta tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 56 kDaObserved band size: 56 kDa

### NCBI AND UNIPROT INFORMATION

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI GI #                        | 94681038                        |
| NCBI GeneID                      | 122618                          |
| NCBI Accession #                 | NP_620145.2                     |
| NCBI GenBank Nucleotide #        | NM_138790.3                     |
| UniProt Accession #              | Q96BZ4; Q6UWD2                  |
| Molecular Weight                 | 55,626 Da                       |
| NCBI Official Full Name          | phospholipase D4 isoform 2      |
| NCBI Official Synonym Full Names | phospholipase D family member 4 |
| NCBI Official Symbol             | PLD4                            |
| NCBI Official Synonym Symbols    | C14orf175                       |
| NCBI Protein Information         | 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospholipase-d4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230037>