

## Rabbit anti-Human Phospholipase A2 Polyclonal Antibody | anti-PLA2G1B antibody

Rabbit anti-human Phospholipase A2 polyclonal Antibody(PLA2G1B)

|                               |                       |                            |                              |
|-------------------------------|-----------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA118308</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------|

### PRODUCT SYNONYMS

Phospholipase A2; Polyclonal Antibody; Rabbit anti-human Phospholipase A2 polyclonal Antibody(PLA2G1B); Group IB phospholipase A2; Phosphatidylcholine 2-acylhydrolase 1B; PLA2G1B; PLA2; PLA2A; PPLA2; anti-PLA2G1B antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                         |
| Reactivity                                        | Human                                                                                                          |
| Clonality                                         | Polyclonal                                                                                                     |
| Isotype                                           | IgG                                                                                                            |
| Purity/Purification                               | Antigen Affinity Purified                                                                                      |
| Sequence Length                                   | 148                                                                                                            |
| Applicable Applications for anti-PLA2G1B antibody | ELISA                                                                                                          |
| Storage Buffer                                    | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Conjugate                                         | Non-conjugated                                                                                                 |
| Immunogen                                         | Recombinant human Phospholipase A2 protein (23-148aa)                                                          |
| Santa Cruz Alternative                            | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-168045                                 |
| Preparation and Storage                           | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                          |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PLA2G1B antibody | PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides, this releases glycerophospholipids and arachidonic acid that serve as the precursors of signal molecules. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4505847</a>                                                  |
| NCBI GeneID                      | <a href="#">5319</a>                                                     |
| NCBI Accession #                 | <a href="#">NP_000919.1</a>                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000928.2</a>                                              |
| UniProt Accession #              | <a href="#">P04054</a> ; <a href="#">Q3KPI1</a> ; <a href="#">B2R4H5</a> |
| Molecular Weight                 | 16,360 Da                                                                |
| NCBI Official Full Name          | phospholipase A2                                                         |
| NCBI Official Synonym Full Names | phospholipase A2 group IB                                                |

|                               |                    |
|-------------------------------|--------------------|
| NCBI Official Symbol          | PLA2G1B            |
| NCBI Official Synonym Symbols | PLA2; PLA2A; PPLA2 |
| NCBI Protein Information      | phospholipase A2   |
| UniProt Protein Name          | Phospholipase A2   |
| UniProt Gene Name             | <b>PLA2G1B</b>     |
| UniProt Synonym Gene Names    | PLA2; PLA2A; PPLA2 |
| UniProt Entry Name            | PA21B_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://www.aaabiotech.com/polyclonal/phospholipase-a2-antibody-elisa/118308>