

## Rabbit Phospholipase A2 Polyclonal Antibody | anti-PLA2G12 antibody

Polyclonal Antibody to Phospholipase A2, Group XII (PLA2G12)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA145651 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

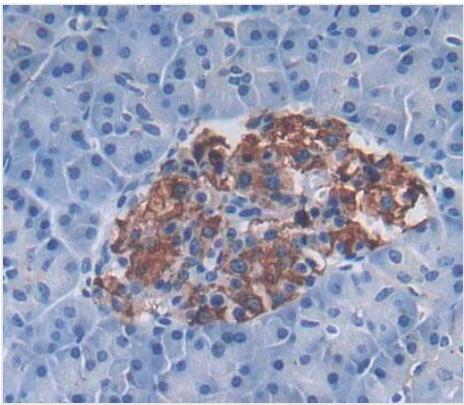
### PRODUCT SYNONYMS

Phospholipase A2; Polyclonal Antibody; Polyclonal Antibody to Phospholipase A2; Group XII (PLA2G12); PLA2G12A; sPLA2-XII; GXII sPLA2; Group XIIA secretory phospholipase A2; Phosphatidylcholine 2-acylhydrolase 12A; anti-PLA2G12 antibody

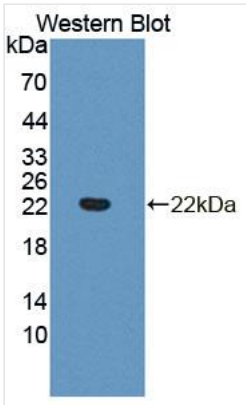
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity                                        | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Clonality                                         | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity                                       | The antibody is a rabbit polyclonal antibody raised against PLA2G12. It has been selected for its ability to recognize PLA2G12 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                   |
| Purity/Purification                               | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Form/Format                                       | Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                             |
| Concentration                                     | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence Length                                   | 145                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for anti-PLA2G12 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                        |
| Fragment                                          | PLA2G12 (Gln23~Leu189)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                                         | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cross Reactivity                                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Immunoglobulin Type                               | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Quality Control                                   | Content: The quality control contains recombinant PLA2G12 (Gln23~Leu189) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemiluminescent (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN <sub>3</sub> 0.02%. |
| Conjugated Antibody                               | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage                           | Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                          |

IMAGES



IHC (Immunohiostchemistry)  
DAB staining on fromalin fixed paraffin- embedded pancreas tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 21361944                              |
| NCBI GeneID                      | 81579                                 |
| NCBI Accession #                 | NP_110448.2                           |
| NCBI GenBank Nucleotide #        | NM_030821.4                           |
| UniProt Accession #              | Q9BZM1; Q9BZ89                        |
| Molecular Weight                 | 21,067 Da                             |
| NCBI Official Full Name          | group XIIA secretory phospholipase A2 |
| NCBI Official Synonym Full Names | phospholipase A2 group XIIA           |
| NCBI Official Symbol             | PLA2G12A                              |
| NCBI Official Synonym Symbols    | GXII; ROSSY; PLA2G12                  |
| NCBI Protein Information         | group XIIA secretory phospholipase A2 |
| UniProt Protein Name             | Group XIIA secretory phospholipase A2 |
| UniProt Gene Name                | PLA2G12A                              |
| UniProt Synonym Gene Names       | PLA2G12; GXII sPLA2; sPLA2-XII        |

**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-a2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145651>