

PLA2G15 rabbit monoclonal antibody

Catalog # H00023659-K

Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human PLA2G15 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human PLA2G15 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| Host | Rabbit |
| Library Construction | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| Expression | Overexpression vector and transfection into 293H cell line. |
| Reactivity | Human |
| Purification | Protein A |
| Isotype | IgG |
| Quality Control Testing | Antibody reactive against human PLA2G15 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Deliverable | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| Note | 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PLA2G15

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| Entrez GeneID | 23659 |
| GeneBank Accession# | PLA2G15 |
| Gene Name | PLA2G15 |
| Gene Alias | ACS, DKFZp564A0122, GXVPLA2, LLPL, LPLA2, LYPLA3 |
| Gene Description | phospholipase A2, group XV |
| Omim ID | 609362 |
| Gene Ontology | Hyperlink |
| Gene Summary | Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene hydrolyzes lysophosphatidylcholine to glycerophosphorylcholine and a free fatty acid. This enzyme is present in the plasma and thought to be associated with high-density lipoprotein. A later paper contradicts the function of this gene. It demonstrates that this gene encodes a lysosomal enzyme instead of a lysophospholipase and has both calcium-independent phospholipase A2 and transacylase activities. [provided by RefSeq] |
| Other Designations | 1-O-acylceramide synthase LCAT-like lysophospholipase lysophospholipase 3 (lysosomal phospholipase A2) lysosomal phospholipase A2 |

Pathway

- [Glycerophospholipid metabolism](#)
- [Lysosome](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)