

DNAxPAb

Hard-to-Find
Antibody

PLA2G12A DNAxPab

Catalog # H00081579-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PLA2G12A DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MALLSRPALTL LLLLMAAVVRCQEQAQT TDWRATLKTIRNGVHKIDTYLNAALDLLGGEDGLCQYK CSDGSKPFPRYGYKSP PNGCGSPLFGVHLNIGIPSLTKCCNQHDRCYETCGKSKNDCDEEFQY CLSKICRDVQKTLGLTQHVQACETTVELLFDSVIHLGCKPYLDSQRAACRCHYEETDL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PLA2G12A

Entrez GeneID [81579](#)

GeneBank Accession# [NM_030821.3](#)

Protein Accession# [NP_110448.2](#)

Gene Name PLA2G12A

Gene Alias GXII, PLA2G12, ROSSY

Gene Description phospholipase A2, group XIIA

Omim ID [611652](#)

Gene Ontology [Hyperlink](#)

Gene Summary Secreted phospholipase A2 (sPLA2) enzymes liberate arachidonic acid from phospholipids for production of eicosanoids and exert a variety of physiologic and pathologic effects. Group XII sPLA2s, such as PLA2G12A, have relatively low specific activity and are structurally and functionally distinct from other sPLA2s (Gelb et al., 2000 [PubMed 11031251]).[supplied by OMIM]

Other Designations group XII secreted phospholipase A2|group XIIA secreted phospholipase A2

Pathway

- [alpha-Linolenic acid metabolism](#)
- [Arachidonic acid metabolism](#)
- [Ether lipid metabolism](#)
- [Fc epsilon RI signaling pathway](#)
- [Glycerophospholipid metabolism](#)
- [GnRH signaling pathway](#)
- [Linoleic acid metabolism](#)
- [Long-term depression](#)
- [MAPK signaling pathway](#)
- [Metabolic pathways](#)
- [Vascular smooth muscle contraction](#)

- [VEGF signaling pathway](#)

Disease

- [Alcoholism](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Occupational Diseases](#)