

DNAxPAb

Hard-to-Find
Antibody

PLA2G1B DNAxPab

Catalog # H00005319-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PLA2G1B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKLLVLAVLLTVAAADSGISPRAVWQFRKMIKCVIPGSDPFLEYNNYGCYCGLGGSGTPVDELDK CCQTHDNCYDQAKKLDSCKFLLDNPYHTYSYSCSGSAITCSSKNKECEAFICNCDRNAAICFSK APYNKAHKNLDTKKYCQS
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 — PLA2G1B

Entrez GeneID [5319](#)

GeneBank Accession# [NM_000928.2](#)

Protein Accession# [NP_000919.1](#)

Gene Name PLA2G1B

Gene Alias MGC119834, MGC119835, PLA2, PLA2A, PPLA2

Gene Description phospholipase A2, group IB (pancreas)

Omim ID [172410](#)

Gene Ontology [Hyperlink](#)

Gene Summary Phospholipase A2 (EC 3.1.1.4) catalyzes the release of fatty acids from glycerol-3-phosphocholines. The best known varieties are the digestive enzymes secreted as zymogens by the pancreas of mammals. Sequences of pancreatic PLA2 enzymes from a variety of mammals have been reported. One striking feature of these enzymes is their close homology to venom phospholipases of snakes. Other forms of PLA2 have been isolated from brain, liver, lung, spleen, intestine, macrophages, leukocytes, erythrocytes, inflammatory exudates, chondrocytes, and platelets (Seilhamer et al., 1986 [PubMed 3028739]). [supplied by OMIM]

Other Designations phospholipase A2, group IB

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

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