

Rabbit anti-Human, mouse PLA2G1B Polyclonal Antibody | anti-PLA2G1B antibody

PLA2G1B Antibody (C-term)

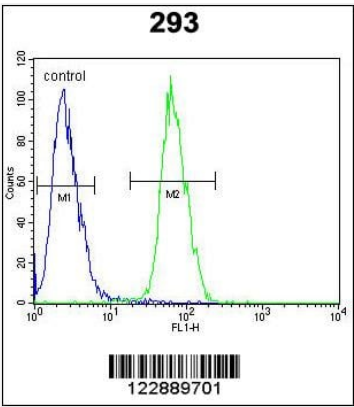
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287514	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

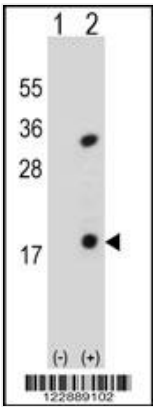
PLA2G1B; Polyclonal Antibody; PLA2G1B Antibody (C-term); Phospholipase A2; Group IB phospholipase A2; Phosphatidylcholine 2-acylhydrolase 1B; PLA2; PLA2A; PPLA2; anti-PLA2G1B antibody

PRODUCT SPECIFICATIONS

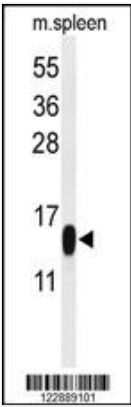
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLA2G1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-145 amino acids from the C-terminal region of human PLA2G1B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	116-145
Sequence Length	148
Applicable Applications for anti-PLA2G1B antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PLA2G1B Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of PLA2G1B (arrow) using rabbit polyclonal PLA2G1B Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PLA2G1B gene.



WB (Western Blot)
Western blot analysis of PLA2G1B Antibody (C-term) in mouse spleen tissue lysates (35ug/lane). PLA2G1B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PLA2G1B antibody	PLA2G1B 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
Product Categories/Family for anti-PLA2G1B antibody	Metabolism; Signal Transduction
References	Xu, W., et al. J. Biol. Chem. 284(24):16659-16666(2009) Han, C., et al. J. Cell. Biochem. 105(2):534-545(2008) Kao, W.T., et al. Lipids Health Dis 7, 20 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505847
NCBI GeneID	5319
NCBI Accession #	NP_000919.1
NCBI GenBank Nucleotide #	NM_000928.2
UniProt Accession #	P04054; Q3KPI1; B2R4H5

Molecular Weight	16360
NCBI Official Full Name	phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2, group IB (pancreas)
NCBI Official Symbol	PLA2G1B
NCBI Official Synonym Symbols	PLA2; PLA2A; PPLA2
NCBI Protein Information	phospholipase A2
UniProt Protein Name	Phospholipase A2
UniProt Gene Name	PLA2G1B
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/pla2g1b-antibody-flow-cytometry-western-blot-elisa/287514>