

Datasheet for ABIN7163322
anti-PLA2G2A antibody (AA 21-144) (Biotin)



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Overview

Quantity:	100 µg
Target:	PLA2G2A
Binding Specificity:	AA 21-144
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLA2G2A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Phospholipase A2, membrane associated protein (21-144AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PLA2G2A
Alternative Name:	PLA2G2A (PLA2G2A Products)
Background:	Background: Catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides (PubMed:2925633). Thought to participate in the regulation of phospholipid

Target Details

metabolism in biomembranes including eicosanoid biosynthesis. Independent of its catalytic activity, acts as a ligand for integrins (PubMed:18635536, PubMed:25398877). Binds to and activates integrins ITGAV:ITGB3, ITGA4:ITGB1 and ITGA5:ITGB1 (PubMed:18635536, PubMed:25398877). Binds to a site (site 2) which is distinct from the classical ligand-binding site (site 1) and induces integrin conformational changes and enhanced ligand binding to site 1 (PubMed:25398877). Induces cell proliferation in an integrin-dependent manner (PubMed:18635536).

Aliases: EC 3.1.1.4 antibody, GLIC sPLA2 antibody, Group IIA phospholipase A2 antibody, membrane associated antibody, Modifier of MIN 1 mouse homolog antibody, MOM1 antibody, Non-pancreatic secretory phospholipase A2 antibody, NPS PLA2 antibody, NPS-PLA2 antibody, PA2GA_HUMAN antibody, Phosphatidylcholine 2-acylhydrolase 2A antibody, Phosphatidylcholine 2acylhydrolase antibody, Phospholipase A2 antibody, Phospholipase A2 group IIA (platelets, synovial fluid) antibody, Phospholipase A2 membrane associated antibody, Phospholipase A2 polypeptide B antibody, Phospholipase A2 synovial antibody, PLA2 antibody, PLA2B antibody, PLA2G2A antibody, PLA2L antibody, PLA2S antibody, PLAS1 antibody, RASF A antibody, sPLA2 antibody

UniProt: [P14555](#)

Pathways: [Stem Cell Maintenance](#), [Inositol Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.