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Datasheet for ABIN6982919
anti-PLA2G6 antibody (AA 331-430) (Biotin)

Overview

Quantity:	100 µL
Target:	PLA2G6
Binding Specificity:	AA 331-430
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLA2G6 antibody is conjugated to Biotin
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CalPLA2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PLA2G6
Alternative Name:	CalPLA2 (PLA2G6 Products)

Target Details

Background:	<p>Synonyms: 85 kDa calcium independent phospholipase A2, 85 kDa calcium-independent phospholipase A2, Cal PLA2, Cal-PLA2, CalPLA2, Calcium independent phospholipase A2, Cytosolic calcium independent phospholipase A2, Group VI phospholipase A2, GVI, GVI PLA2, INAD1, iPLA(2)beta, iPLA2, IPLA2 VIA, iPLA2beta, NBIA2A, NBIA2B, PA2G6_HUMAN, PARK14, Patatin like phospholipase domain containing 9, Patatin like phospholipase domain containing protein 9, Phospholipase A2 calcium independent, Phospholipase A2 calcium independent group VI A, Phospholipase A2 group VI, Phospholipase A2 group VI cytosolic calcium independent, PLA2, PLA2G6, PNPLA9, PLPL9_HUMAN</p> <p>Background: Catalyzes the release of fatty acids from phospholipids. It has been implicated in normal phospholipid remodeling, nitric oxide-induced or vasopressin-induced arachidonic acid release and in leukotriene and prostaglandin production. May participate in fas mediated apoptosis and in regulating transmembrane ion flux in glucose-stimulated B-cells. Has a role in cardiolipin (CL) deacylation. Required for both speed and directionality of monocyte MCP1/CCL2-induced chemotaxis through regulation of F-actin polymerization at the pseudopods.</p> <p>Isoform ankyrin-iPLA2-1 and isoform ankyrin-iPLA2-2, which lack the catalytic domain, are probably involved in the negative regulation of iPLA2 activity.</p>
Gene ID:	8398
UniProt:	O60733
Pathways:	Positive Regulation of Peptide Hormone Secretion

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months