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Datasheet for ABIN886135

**anti-PLA2G6 antibody (AA 651-750) (AbBy Fluor® 350)**

## Overview

Quantity:	100 µL
Target:	PLA2G6
Binding Specificity:	AA 651-750
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLA2G6 antibody is conjugated to AbBy Fluor® 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cal-PLA2/PLA2G6
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Pig
Purification:	Purified by Protein A.

## Target Details

Target:	PLA2G6
Alternative Name:	Cal-PLA2 ( <a href="#">PLA2G6 Products</a> )

## Target Details

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**Background:** Synonyms: GVI, PLA2, INAD1, NBIA2, iPLA2, NBIA2A, NBIA2B, PARK14, PNPLA9, Cal-PLA2, IPLA2-VIA, iPLA2beta, 85/88 kDa calcium-independent phospholipase A2, Group VI phospholipase A2, GVI PLA2, Intracellular membrane-associated calcium-independent phospholipase A2 beta, iPLA2-beta, Patatin-like phospholipase domain-containing protein 9, PLA2G6, PLPLA9

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. Isoform ankyrin-iPLA2-1 and isoform ankyrin-iPLA2-2, which lack the catalytic domain, are probably involved in the negative regulation of iPLA2 activity.

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**Gene ID:** 8398

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**UniProt:** [O60733](#)

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**Pathways:** [Positive Regulation of Peptide Hormone Secretion](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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## Handling

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months