

Datasheet for ABIN1397483

## anti-Phospholipase C beta 2 antibody (AA 401-500) (AbBy Fluor® 350)



[Go to Product page](#)

### Overview

Quantity:	100 µL
Target:	Phospholipase C beta 2 (PLCb2)
Binding Specificity:	AA 401-500
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phospholipase C beta 2 antibody is conjugated to AbBy Fluor® 350
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Phospholipase C beta 2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Phospholipase C beta 2 (PLCb2)
Alternative Name:	Phospholipase C beta 2 ( <a href="#">PLCb2 Products</a> )

## Target Details

---

Background:	Synonyms: PLC_2, 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-2 , 1-phosphatidylinositol-4, 5-bisphosphate phosphodiesterase beta-2, FLJ38135, Phosphoinositide phospholipase C-beta-2, Phospholipase C-beta-2, PLC-beta-2, Plcb2, PLCB2_HUMAN. Background: The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes.
Gene ID:	5330
UniProt:	<a href="#">Q00722</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Thromboxane A2 Receptor Signaling</a>

## Application Details

---

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months