

Datasheet for ABIN7444277

## anti-PLCB3 antibody (AA 318-468)



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### 4 Images

#### Overview

Quantity:	100 µL
Target:	PLCB3
Binding Specificity:	AA 318-468
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLCB3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Phospholipase C Beta 3, Phosphoinositide Specific (PLCb3)
Immunogen:	Recombinant Phospholipase C Beta 3, Phosphoinositide Specific (PLCb3) corresponding to Asp318~Lys468 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PLCb3. It has been selected for its ability to recognize PLCb3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

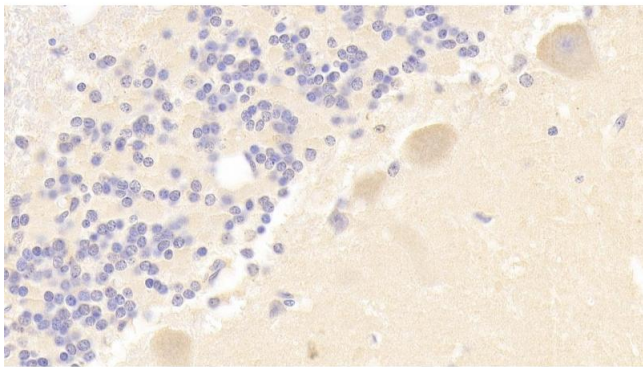
Target:	PLCB3
Alternative Name:	PLCb3 ( <a href="#">PLCB3 Products</a> )
Background:	1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Beta-3
UniProt:	<a href="#">Q01970</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">G-protein mediated Events</a>

## Application Details

Application Notes:	Western blotting: 1-5 µg/mL, Immunocytochemistry in formalin fixed cells: 5-20 µg/mL, Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL, Immunohistochemistry in paraffin section: 5-20 µg/mL, Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

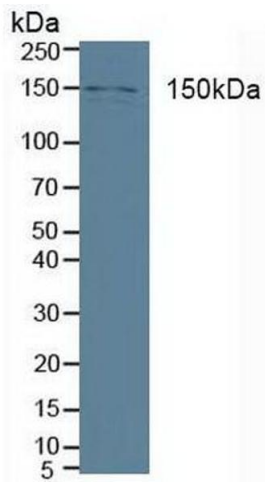
## Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



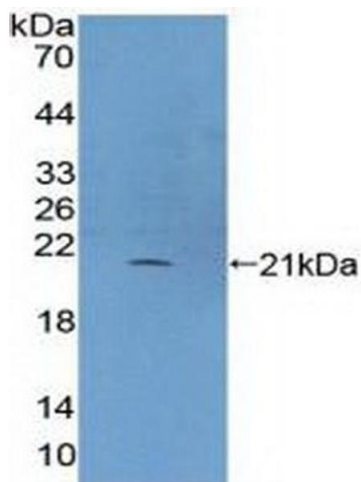
#### Immunohistochemistry

**Image 1.** Detection of PLCb3 in Human Cerebellum Tissue using Polyclonal Antibody to Phospholipase C Beta 3, Phosphoinositide Specific (PLCb3)



#### Western Blotting

**Image 2.** Detection of PLCb3 in Human A431 cells using Polyclonal Antibody to Phospholipase C Beta 3, Phosphoinositide Specific (PLCb3)



#### Western Blotting

**Image 3.** Detection of Recombinant PLCb3, Human using Polyclonal Antibody to Phospholipase C Beta 3, Phosphoinositide Specific (PLCb3)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7444277.