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Datasheet for ABIN744880  
**anti-PLCB3 antibody (pSer1105) (Biotin)**

### Overview

Quantity:	100 µL
Target:	PLCB3
Binding Specificity:	pSer1105
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLCB3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human PLC beta3 around the phosphorylation site of Ser1105
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	PLCB3
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## Target Details

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Alternative Name:	PLC beta3 ( <a href="#">PLCB3 Products</a> )
Background:	<p>Synonyms: Phospholipase C beta 3, Phospholipase C beta 3 phosphatidylinositol specific, PLC beta 3, PLCB3 antibody 1 phosphatidylinositol 4 5 biphosphate phosphodiesterase beta 3, Phosphoinositide phospholipase C, PLCB3_HUMAN.</p> <p>Background: Phospholipase C is a key enzyme in phosphatidylinositol (PIP2) metabolism and lipid signaling pathways. The Phospholipase C family consists of 13 isozymes split between six subfamilies. Phospholipase C beta is activated by G protein subunits.</p>
Gene ID:	5331
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

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Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

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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 for 12 months.
Expiry Date:	12 months