

## PLCG2(Phospho-Tyr1217) Antibody HRP Conjugated

Catalog No: #C04636H

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## Description

Product Name	PLCG2(Phospho-Tyr1217) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB B IHC-PB IHC-F
Species Reactivity	HuB MsB RtB B B
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human PLC gamma 2 around the phosphorylation site of Tyr1217
Conjugates	HRP
Target Name	PLCG2Tyr1217
Other Names	PLCG2phospho Y1217; PLC ?32Tyr1217; PLC gamma 2 PLCG2Tyr1217; PLC 2; PLC gamma 2; PLC IV; PLCG2; 1 phosphatidylinositol 4 5 bisphosphate phosphodiesterase gamma 2; EC 3.1.4.11; Phosphoinositide phospholipase C; Phospholipase C gamma 2; Phospholipase C, gamma 2 phosphatidylinositol specic; PLCG2_HUMA
Accession No.	NCBI Gene ID5336
Uniprot	P16885
GenEID	5336;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

WB=1:500-2000B B IHC-P=1:50-200B IHC-F=1:50-200B

## Background

Enzymes of the phospholipase C family catalyze the hydrolysis of phospholipids to yield diacylglycerols and water soluble phosphorylated derivatives of the lipid head groups. A number of these enzymes have specificity for phosphoinositides. Of the phosphoinositide specific phospholipase C enzymes, C beta is regulated by heterotrimeric G protein coupled receptors, while the closely related C gamma 1 and C gamma 2 enzymes are controlled by receptor tyrosine kinases. The C gamma 1 and C gamma 2 enzymes are composed of phospholipase domains that flank regions of homology to noncatalytic domains of the SRC oncogene product, SH2 and SH3.

Note: This product is for in vitro research use only