

PLC β 2 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A19972	Rabbit	1 mg/ml	133680

Applications	WB,ELISA
Reactivity	Human,Mouse,Rat
Dilution	WB: 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	PLC β 2 Polyclonal Antibody detects endogenous levels of PLC β 2 protein.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	Synthesized peptide derived from the Internal region of human PLC β 2.
Uniprot No	Q00722
Alternative names	PLCB2; 1-phosphatidylinositol 4; 5-bisphosphate phosphodiesterase beta-2; Phosphoinositide phospholipase C-beta-2; Phospholipase C-beta-2; PLC-beta-2
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	catalytic activity:1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H(2)O = 1D-myo-inositol 1,4,5-trisphosphate + diacylglycerol.,cofactor: Binds 1 calcium ion per subunit.,function: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.,miscellaneous:The receptor-mediated activation of PLC-beta-2 is most effectively mediated by one G-protein alpha subunit, alpha-16.,similarity:Contains 1 C2 domain.,similarity:Contains 1 PI-PLC X-box domain.,similarity:Contains 1 PI-PLC Y-box domain.,subunit:Interacts with RAC1.,
Other	PLCB2, 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2
Product Images:	

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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