

## PLCB3 Conjugated Antibody

Catalog No: #C37830



Package Size: #C37830-AF350 100ul #C37830-AF405 100ul #C37830-AF488 100ul  
 #C37830-AF555 100ul #C37830-AF594 100ul #C37830-AF647 100ul  
 #C37830-AF680 100ul #C37830-AF750 100ul #C37830-Biotin 100ul

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## Description

Product Name	PLCB3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total PLCB3 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human phospholipase C, beta 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Phospholipase C-beta-3; PLC beta 3; PLC-beta-3; PLCB3
Accession No.	Swiss-Prot#:Q01970NCBI Gene ID:5331NCBI mRNA#:NCBI Protein#:NP_004194 /Q99640
Uniprot	Q01970
GeneID	5331;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	139
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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This gene encodes a member of the phosphoinositide phospholipase C beta enzyme family that catalyze the production of the secondary messengers diacylglycerol and inositol 1,4,5-triphosphate from phosphatidylinositol in G-protein-linked receptor-mediated signal transduction. Alternative splicing results in multiple transcript variants.

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Note: This product is for in vitro research use only