

# Immunotag™ PLCB4 Antibody

Antibody Specification	
Catalog No.	ITA3504
Product Description	Immunotag™ PLCB4 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PLCB4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	PLCB4 antibody detects endogenous levels of total PLCB4
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Gene Name	PLCB4
Accession No.	Q15147
Alternate Names	1 phosphatidyl D myo inositol 4,5 bisphosphate; 1 phosphatidylinositol 4,5 bisphosphate phosphodiesterase beta 4; Beta4aa; FLJ16169; Inositoltrisphosphohydrolase; Monophosphatidylinositol phosphodiesterase; Phosphoinositidase C; Phosphoinositide phospholipase C; Phosphoinositide phospholipase C-beta 4; PI PLC; PLC beta 4; PLCB 4; PLCB4; RATBETA4AA; Triphosphoinositide phosphodiesterase;

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Description	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. This form has a role in retina signal transduction.
Cell Pathway/ Category	Primary Polyclonal Antibody
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.