

Product datasheet for **TA360617**

Phospholipase C beta 4 (PLCB4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PLCB4
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	129 kDa
Gene Name:	phospholipase C beta 4
Database Link:	NP_000924.3 Entrez Gene 5332 Human Q15147
Background:	The protein encoded by this gene catalyzes the formation of inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. This reaction uses calcium as a cofactor and plays an important role in the intracellular transduction of many extracellular signals in the retina. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	1-phosphatidyl-D-myo-inositol-4,5-bisphosphate; FLJ16169; inositoltrisphosphohydrolase; OTTHUMP00000030245; OTTHUMP00000030255; PI-PLC; PLC-beta-4

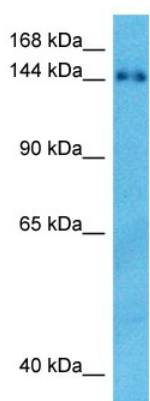


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Protein Families: Druggable Genome

Protein Pathways: Alzheimer's disease, Calcium signaling pathway, Chemokine signaling pathway, Gap junction, GnRH signaling pathway, Huntington's disease, Inositol phosphate metabolism, Long-term depression, Long-term potentiation, Melanogenesis, Metabolic pathways, Phosphatidylinositol signaling system, Vascular smooth muscle contraction, Wnt signaling pathway

Product images:



Host: Rabbit
Target Name: PLCB4
Sample Type: 293T Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: PLCB4
Sample Tissue: Human 293T Whole Cell lysates
Antibody Dilution: 1ug/ml