

Product datasheet for **TA325098**

Phospholipase C beta 2 (PLCB2) Rabbit Polyclonal Antibody

Product data:

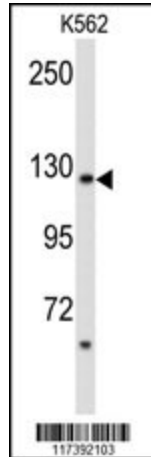
Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:50~100, FC: 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This PLCB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 174-202 amino acids from the N-terminal region of human PLCB2.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	134024 Da
Gene Name:	phospholipase C beta 2
Database Link:	NP_004564 Entrez Gene 5330 Human Q00722
Synonyms:	PLC-beta-2
Protein Families:	Druggable Genome



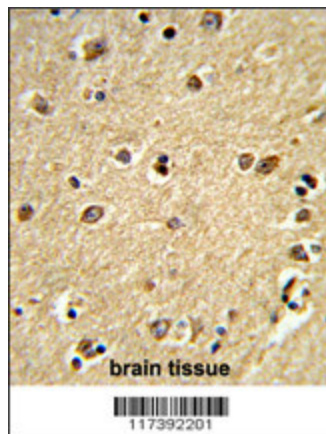
[View online »](#)

Protein Pathways:

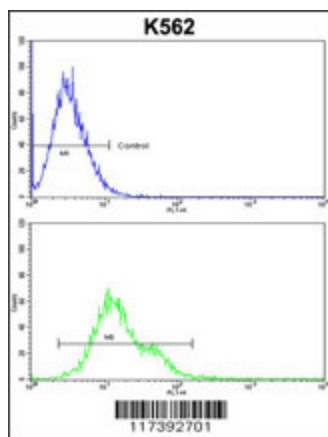
Alzheimer's disease, Calcium signaling pathway, Chemokine signaling pathway, Gap junction, GnRH signaling pathway, Huntington's disease, Inositol phosphate metabolism, Long-term depression, Long-term potentiation, Melanogenesis, Metabolic pathways, Phosphatidylinositol signaling system, Taste transduction,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

Product images:

Western blot analysis of PLCB2 Antibody (N-term) (Cat. #TA325098) in K562 cell line lysates (35ug/lane). PLCB2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with PLCB2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



PLCB2 Antibody (N-term) (Cat. #TA325098) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.