

Product datasheet for **TA371225**

PKC beta 1 (PRKCB) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal liver tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PRKCB
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	77 kDa
Gene Name:	protein kinase C beta
Database Link:	Entrez Gene 5579 Human P05771

Background: Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This protein kinase has been reported to be involved in many different cellular functions, such as B cell activation, apoptosis induction, endothelial cell proliferation, and intestinal sugar absorption.



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Synonyms: MGC41878; PKC-B; PKC-beta; PKCB; PRKCB1; PRKCB2

Product images:



Gel: 10%SDS-PAGE
Lysate: 40 μ g
Lane: Human fetal liver tissue
Primary antibody: TA371225 (PRKCB Antibody) at dilution 1/170
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 minutes