

C Tel: 400-999-8863 💌 Email:UpingBio@163.com

Ø Website: www.upingBio.com

KPCL Polyclonal Antibody

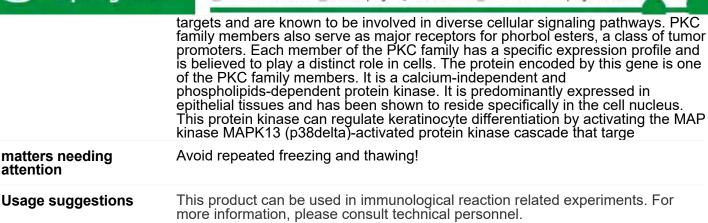
Catalog No	YP-Ab-06743
lsotype	lgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	PRKCH PKCL PRKCL
Protein Name	Protein kinase C eta type (EC 2.7.11.13) (PKC-L) (nPKC-eta)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	KPCL Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	75kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Most abundant in lung, less in heart and skin.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,disease:Defects in PRKCH may be a cause of susceptibility to ischemic stroke [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.,domain:The C1 domain, containing the phorbol ester/DAG-type region 1 (C1A) and 2 (C1B), is the diacylglycerol sensor and the C2 domain is a non-calcium binding domain.,enzyme regulation:Three specific sites; Thr-513 (activation loop of the kinase domain), Thr-656 (turn motif) and Ser-675 (hydrophobic region), need to be phosphoryl
Background	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein



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