

CABP0191

Product Information

Product SKU:	CABP0191	Gene ID:	5578/5579	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	80kDa	Conjugate:	Unconjugated
Calculated MW:	76kDa/77kDa	Isotype:	IgG

Immunogen Information

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. Studies in mice also suggest that this kinase may also regulate neuronal functions and correlate fear-induced conflict behavior after stress. Alternatively spliced transcript variants encoding distinct isoforms have been reported.

Recommended Dilution: WB,1:500 - 1:2000 IHC-P,1:50 - 1:100 IF/ICC,1:100 - 1:200

Synonyms: PKC-beta; PKCB; PRKCB1; PRKCB2; Phospho-PKCalpha/beta II-T638/641

Purification Method: Affinity purification

Immunogen: A synthetic phosphorylated peptide around T638 of human PKCalpha/beta IIIPRKCA (NP_002728.2).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.