

## Anti-Phospho-PKC (Ser660) Rabbit pAb

Purified Rabbit Polyclonal Antibody

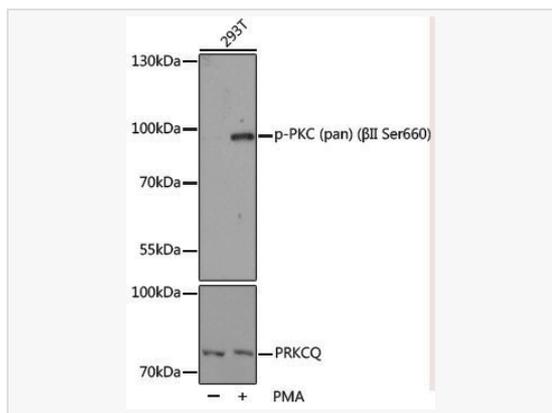
Catalog # P108265

### Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S660 of human PKC (pan) $\beta$ IIPRKCA (NP_002728.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-PKC (Ser660) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	PRKCA/PRKCB/PRKCD/PRKCE/PRKCH/PRKCQ; Phospho-PKC (pan) (beta II Ser660).
Calculated MW	Calculated MW: 59 kDa/67 kDa/74- 83 kDa; Observed MW: 95 kDa
Uniprot ID	P17252, P05771, Q05655, Q02156, P24723, Q04759
Gene ID	5578, 5579, 5580, 5581, 5583, 5588
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 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 kinase has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes. [provided by RefSeq, Jul 2008]



Western blot analysis of lysates from 293T cells, using Phospho-PKC (pan) (βII Ser660) pAb (P108265) at 1:1,000 dilution or PRKCQ antibody (P106849). 293T cells were treated by PMA/TPA (200nM) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% BSA.

Detection: ECL Kit (SQ201).

Exposure time: 90s.