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## Datasheet for ABIN6284619 anti-PKC antibody (AA 600-680)

### Overview

Quantity:	50 µL
Target:	PKC (PKC pan)
Binding Specificity:	AA 600-680
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	PKC is a protein encoded by the PRKCA gene which is approximately 76,7 kDa. PKC is localised to the cytoplasm and cell membrane. It is involved in RET signalling, DAG and IP3 signalling, the IL-2 Pathway, fMLP pathway and CDK-mediated phosphorylation and removal of Cdc6. It is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. It plays a role in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. PKC is expressed in the liver, blood, nervous system, skin and pancreas. Mutations in the PRKCA gene may result in glioma and myotonic dystrophy. STJ95117 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of PKC protein.
Immunogen:	Synthesized peptide derived from human PKC around the non-phosphorylation site of T497.

## Product Details

Isotype:	IgG
Specificity:	PKC Polyclonal Antibody detects endogenous levels of PKC protein.
Characteristics:	Rabbit polyclonal to PKC.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	PKC (PKC pan)
Alternative Name:	PKC ( <a href="#">PKC pan Products</a> )
Molecular Weight:	85 kDa
Gene ID:	5578
UniProt:	<a href="#">P17252</a>
Pathways:	<a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:5000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

## Handling

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Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.