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Datasheet for ABIN6757377 anti-PKC antibody (AA 371-388)

Overview

Quantity:	100 µg
Target:	PKC
Binding Specificity:	AA 371-388
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Monkey, Pig, Rabbit, Chicken, Sheep, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	A 19 residue synthetic peptide KKDVVIQDDDDVESTMVEK(C) based on the human PKC alpha (residues 371-388) with a cysteine (C) residue added and the peptide coupled to KLH. The cysteine residue at position 381 of the original sequence was substituted with a ser.
Isotype:	IgG
Specificity:	This immunoaffinity purified detects ~67-83kD proteins, corresponding to the apparent molecular masses of the different isoforms of PKC on SDS-PAGE immunoblots. This antibody is pan-specific and was designed to recognize all four cPKC isoforms (alpha, beta, gamma and delta). Species cross-reactivity: Human, mouse, rat, bovine, canine, chicken, guinea pig, monkey, porcine, rabbit and sheep.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Pig, Opossum, Turkey, Chicken,

Product Details

Platypus, Xenopus, Stickleback, Pufferfish, Zebrafish (94%).

Purification: Protein A Column

Target Details

Target: PKC

Alternative Name: PKC / Protein Kinase C ([PKC Products](#))

Pathways: [TCR Signaling](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Interaction of EGFR with phospholipase C-gamma](#), [Phototransduction](#)

Application Details

Application Notes: ELISA, IP (12.5 $\mu\text{g/mL}$), WB (2 $\mu\text{g/mL}$)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Borate buffer saline, pH 8.2, 40% glycerol.