

Datasheet for ABIN5689326
anti-PKC zeta antibody (AA 408-412)



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Overview

Quantity:	0.1 mg
Target:	PKC zeta (PRKCZ)
Binding Specificity:	AA 408-412
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC zeta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	PKCzeta (Ab-410) antibody was raised against a peptide sequence around aa. 408~412 (T-S-T-F-C) derived from PKCzeta .
Specificity:	This antibody detects endogenous levels of total PKCzeta protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	PKC zeta (PRKCZ)
Alternative Name:	PKCzeta (PRKCZ Products)
Background:	This is a calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters. Subunit of a

Target Details

	quaternary complex that plays a central role in epithelial cell polarization.
Molecular Weight:	78 kDa
Gene ID:	5590
NCBI Accession:	NP_002735
UniProt:	Q05513
Pathways:	NF-kappaB Signaling , RTK Signaling , Myometrial Relaxation and Contraction , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Synaptic Membrane , Production of Molecular Mediator of Immune Response , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Western Blot: 1:500~1:1000, Immunohistochemistry: 1:50~1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Antibody supplied in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Store antibody at -20°C for up to one year.