

Datasheet for ABIN5957396
anti-PKC zeta antibody (Thr560)



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1 Image 1 Publication

Overview

Quantity:	200 µL
Target:	PKC zeta (PRKCZ)
Binding Specificity:	Thr560
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC zeta antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthesized peptide derived from human PKC zeta around the non-phosphorylation site of Thr560.
Isotype:	IgG
Specificity:	14-3-3-zeta isoform, AI098070, aPKCzeta, C80388, EC 2.7.11.13, KPCZ, nPKC zeta, nPKC-zeta, OTTHUMP00000001368, OTTHUMP00000044160, PKC 2, PKC ZETA, PKC2, Pkcz, PKCZETA, PKM-zeta, included, PRKCZ, Protein kinase C zeta, Protein kinase C zeta form, Protein kinase C zeta type, r14-3-3, R74924, zetaPKC
Purification:	Affinity purification

Target Details

Target:	PKC zeta (PRKCZ)
Alternative Name:	PKC zeta (PRKCZ Products)
Background:	This is a calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. Phosphorylates 'Ser-311' of RELA subunit of NF-kappa-B. 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 quaternary complex that plays a central role in epithelial cell polarization.
Molecular Weight:	68kDa
Gene ID:	5590
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:	WB 1:500-1:2000, IHC 1:100-1:300, IF 1:200-1:1000, ELISA 1:5000
Restrictions:	For Research Use only

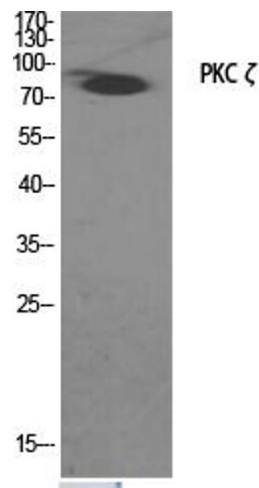
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4
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 at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in: Fan, Li, Zhang, Yang, Li, Zeng, Deng: "PKCζ in prostate cancer cells represses the recruitment and M2 polarization of macrophages in the prostate cancer microenvironment." in: **Tumour biology**, Vol. 39, Issue 6, pp. 1010428317701442, (2017) ([PubMed](#)).

Images



Western Blotting

Image 1.