

Datasheet for ABIN229184

anti-PKC zeta antibody (pThr410, Thr403)



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Overview

Quantity:	100 µL
Target:	PKC zeta (PRKCZ)
Binding Specificity:	pThr410, Thr403
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC zeta antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic phosphopeptide (KLH coupled) corresponding to residues surrounding Thr410 of human PKC zeta. Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Detects endogenous human PKC zeta only when phosphorylated at Thr410, or endogenous human PKC lambda only when phosphorylated at Thr403. Does not cross-react with endogenous levels of other PKC isoforms. Species cross-reactivity: monkey, rat and mouse.
Purification:	Protein A purified

Target Details

Target:	PKC zeta (PRKCZ)
Alternative Name:	PRKCZ / PKC-Zeta (PRKCZ Products)
Background:	Name/Gene ID: PRKCZ Subfamily: PKC Family: Protein Kinase Synonyms: PRKCZ, PKC-ZETA, PKC2, PkcZ, PKCzeta, Protein kinase c zeta, Protein kinase C zeta type, NPKC-zeta, PKC Zeta, Protein kinase C, zeta, Protein kinase Czeta
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:	Approved: ELISA, IHC, IHC-P, WB (1:1000) Usage: Suitable for use in ELISA, Western Blot and Immunohistochemistry. Western Blot: 1:1000, incubate membrane with diluted antibody in 5 % BSA, 1X TBS, 0.1 % Tween-20 at 4°C with gentle shaking, overnight. Immunohistochemistry (paraffin): 1:50.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	10 mM HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL BSA, 50 % glycerol. No preservative added.
Preservative:	Without preservative
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.