

Datasheet for ABIN602205
anti-PKC zeta antibody (pThr410)



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Overview

Quantity:	50 µg
Target:	PKC zeta (PRKCZ)
Binding Specificity:	pThr410
Reactivity:	Human, Mouse, Rat, Rabbit, Zebrafish (Danio rerio), Cow, Dog, Horse, Chicken, Drosophila melanogaster, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC zeta antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic phosphopeptide corresponding to human PKC zeta around the phosphorylation site of threonine 410(T-S-TP-F-C).
	Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Recognizes human Protein Kinase C, zeta when phosphorylated at Thr410. Species cross-reactivity: mouse, rat.
Purification:	Immunoaffinity 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: IHC (1:50 - 1:100) Usage: Suitable for use in Immunohistochemistry: 1:50-1:100.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02 % sodium azide, 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.
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	May be stored at 4°C for short-term only. Aliquot to avoid freeze-thaw cycles. Store at -20°C. Aliquots are stable for at least 1 year.