

PKC zeta Antibody | anti-PKC zeta antibody

PKC zeta (Phospho-Thr410) Antibody

CATALOG # AAA110638	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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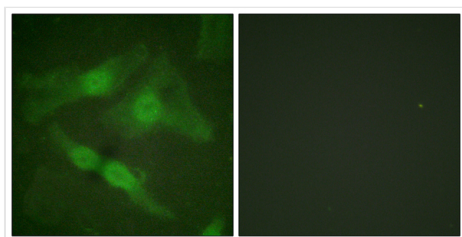
PRODUCT SYNONYMS

PKC zeta; PKC zeta (Phospho-Thr410) Antibody; EC 2.7.11.13; KPCZ; PKC-zeta; PKC2; PRKCZ; Protein kinase C zeta type; kinase PKC-zeta; nPKC-zeta; anti-PKC zeta antibody

PRODUCT SPECIFICATIONS

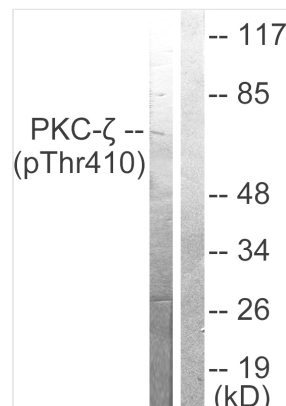
Reactivity	Human, Mouse, Rat
Specificity	PKC zeta (phospho-Thr410) antibody detects endogenous levels of PKC zeta only when phosphorylated at threonine 410.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	409
Applicable Applications for anti-PKC zeta antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKC zeta around the phosphorylation site of threonine 410 (T-S-TP-F-C).
All Sites	Human: Thr410 Mouse: Thr410 Rat: Thr410
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



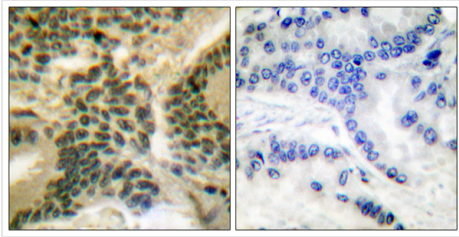
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HeLa cells, using PKC zeta (phospho-Thr410) antibody.



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells treated with PMA (125ng/ml, 30mins), using PKC zeta (phospho-Thr410) antibody.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using PKC zeta (phospho-Thr410) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PKC zeta antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells
References	Todd E. Fox, J. Biol. Chem., Feb 2007; 10.1074/jbc.M700082200. Katherine A. Fitzgerald, J. Immunol., Feb 2000; 164: 2053. Koichi Asanuma, J. Immunol., Mar 2004; 172: 3922. Ashish Bhattacharjee, J. Immunol., Sep 2006; 177: 3771-3781.

NCBI AND UNIPROT INFORMATION

NCBI GI #	75709226
NCBI GeneID	5590
NCBI Accession #	NP_001028753.1
NCBI GenBank Nucleotide #	NM_001033581.2
UniProt Accession #	Q05513 ; Q15207 ; Q5SYT5 ; Q969S4 ; A8K4N0 ; A8MU64 ; B7Z2J7 ; E9PCW2
Molecular Weight	56,136 Da
NCBI Official Full Name	protein kinase C zeta type isoform 2
NCBI Official Synonym Full Names	protein kinase C zeta
NCBI Official Symbol	PRKCZ
NCBI Official Synonym Symbols	PKC2; PKC-ZETA
NCBI Protein Information	protein kinase C zeta type
UniProt Protein Name	Protein kinase C zeta type
UniProt Gene Name	PRKCZ
UniProt Synonym Gene Names	PKC2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/pkc-zeta/110638>