

PKC zeta Antibody | anti-PKC zeta antibody

PKC zeta (Phospho-Thr560) Antibody

CATALOG # AAA266653	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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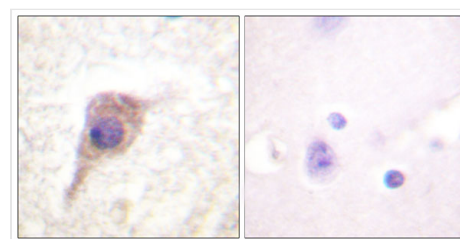
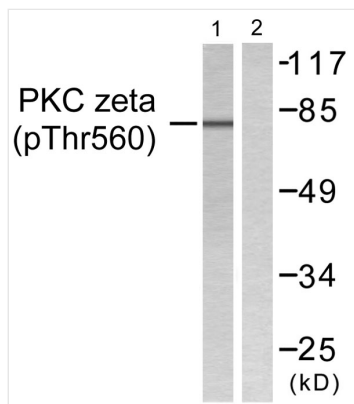
PRODUCT SYNONYMS

PKC zeta; PKC zeta (Phospho-Thr560) 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-Thr560) antibody detects endogenous levels of PKC zeta only when phosphorylated at threonine 560.
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, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKC zeta around the phosphorylation site of threonine 560 (Q-L-TP-P-D).
All Sites	Human: Thr560 Mouse: Thr560 Rat: Thr560
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using PKC zeta (Phospho-Thr560) antibody. Western blot analysis of extracts from COS7 cells, treated with PMA (125ng/ml, 30mins), using PKC zeta (Phospho-Thr560) 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	Richard Magid, Circ. Res., Sep 2005; 97: 443-449. M Fujihara, J. Immunol., Feb 1994; 152: 1898. A. Banan, Am J Physiol Gastrointest Liver Physiol, May 2002; 282: 794. A. Banan, Am J Physiol Gastrointest Liver Physiol, Oct 2002; 283: 909.

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.