

Rabbit PKC zeta Polyclonal Antibody | anti-PKC zeta antibody

PKC zeta (Phospho-Thr560) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316305	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

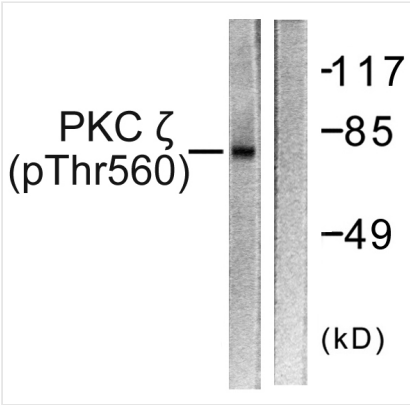
PRODUCT SYNONYMS

PKC zeta; Polyclonal Antibody; PKC zeta (Phospho-Thr560) Antibody; KPCZ; PKC-zeta; PKC2; PRKCZ; Protein kinase C zeta type; kinase PKC-zeta; nPKC-zeta; anti-PKC zeta antibody

PRODUCT SPECIFICATIONS

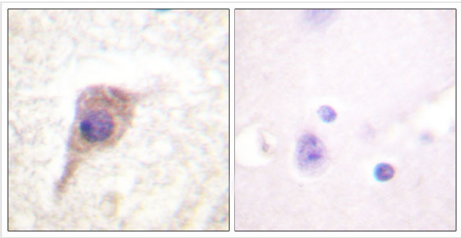
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PKC zeta (Phospho-Thr560) Antibody detects endogenous levels of PKC zeta only when phosphorylated at Thr560.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	488
Applicable Applications for anti-PKC zeta antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T560; M:T560; R:T560
Immunogen	The antiserum was produced against synthesized peptide derived from human PKC zeta around the phosphorylation site of Thr560.
Immunogen Range	526-575
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from COS7 cells treated with PMA 125ng/ml 30', using PKC zeta (Phospho-Thr560) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using PKC zeta (Phospho-Thr560) Antibody. The picture on the right is blocked with the phospho peptide.

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	67 kDa
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.