

PKC epsilon Antibody | anti-PKC epsilon antibody

PKC epsilon (Phospho-Ser729) Antibody

CATALOG # AAA267511	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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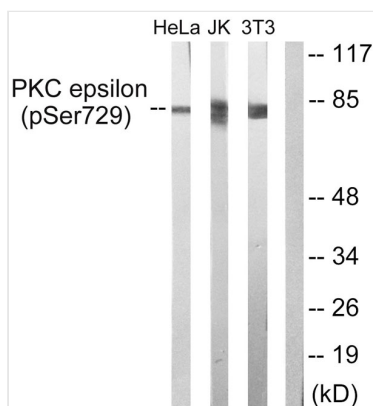
PRODUCT SYNONYMS

PKC epsilon; PKC epsilon (Phospho-Ser729) Antibody; EC 2.7.11.13; KPCE; PKC-epsilon; PKCEA; PRKCE; Protein kinase C; epsilon type; kinase PKC-epsilon; nPKC-epsilon; anti-PKC epsilon antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PKC epsilon (Phospho-Ser729) antibody detects endogenous levels of PKC epsilon only when phosphorylated at serine 729.
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	737
Applicable Applications for anti-PKC epsilon antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKC epsilon around the phosphorylation site of serine 729 (G-F-SP-Y-F).
All Sites	Human: Ser729 Mouse: Ser729 Rat: Ser729
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells (line 1), Jurkat cells (line 2) and NIH/3T3 cells (line 3) all treated with PMA (125ng/ml, 30mins), using PKC epsilon (Phospho-Ser729) antibody.

ADDITIONAL INFORMATION

References	Basta P., Biochim. Biophys. Acta 1132:154-160(1992). Hillier L.W., Nature 434:724-731(2005). Cenni V., Biochem. J. 363:537-545(2002).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885563
NCBI GeneID	5581
NCBI Accession #	NP_005391.1
NCBI GenBank Nucleotide #	NM_005400.2
UniProt Accession #	Q02156; Q32MQ3; Q53SL4; Q53SM5; Q9UE81; B0LPH7
Molecular Weight	83,674 Da
NCBI Official Full Name	protein kinase C epsilon type
NCBI Official Synonym Full Names	protein kinase C epsilon
NCBI Official Symbol	PRKCE
NCBI Official Synonym Symbols	PKCE; nPKC-epsilon
NCBI Protein Information	protein kinase C epsilon type
UniProt Protein Name	Protein kinase C epsilon type
UniProt Gene Name	PRKCE
UniProt Synonym Gene Names	PKCE

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-epsilon/267511>