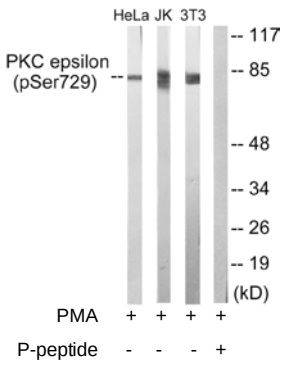
PKC ε (Phospho-Ser729) Antibody

E11-0802A

Catalog Number: E11-0802A
Concentration: 1mg/ml
Swiss-Prot No.: Q02156
Other Names: EC 2.7.11.13, KPCE, PKC-epsilon, PKCEA, PRKCE, Protein kinase C, epsilon type, kinase PKC-epsilon, nPKC-epsilon
All Sites: Human: Ser729; Mouse: Ser729; Rat: Ser729
Storage/Stability: Store at -20 ℃/1 year
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human PKC ε around the phosphorylation site of serine 729 (G-F-S^{P}-Y-F).

Purification: The antibody was 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.
Specificity: PKC ε (Phospho-Ser729) antibody detects endogenous levels of PKC ε only when phosphorylated at serine 729.
Reactivity: Human, Mouse, Rat
Applications: WB: 1:500~1:1000 ELISA: 1:10000
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).



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 ε (Phospho-Ser729) antibody.

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