



## PKC $\alpha$ (Phospho-Tyr657) Antibody

E11-0800A

**Catalog Number:** E11-0800A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P17252

**Other Names:** EC 2.7.11.13, KPCA, PKC III, PKC-A, PKC-III, PKC-alpha, PRKACA, PRKCA, Protein kinase C, alpha type, kinase PKC-alpha

**All Sites:** Human: Tyr657; Mouse: Tyr657; Rat: Tyr657

**Storage/Stability:** Store at -20 °C/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human PKC  $\alpha$  around the phosphorylation site of tyrosine 657 (F-S-Y<sup>P</sup>-V-N).

**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.

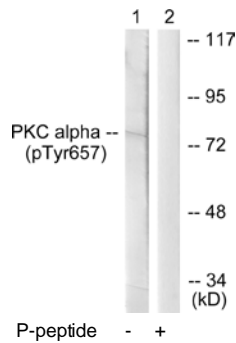
**Specificity:** PKC  $\alpha$  (Phospho-Tyr657) antibody detects endogenous levels of PKC  $\alpha$  only when phosphorylated at tyrosine 657.

**Reactivity:** Human, Mouse, Rat

**Applications:** WB: 1:500~1:1000 ELISA: 1:1000

**References:**

Finkenzeller G., Nucleic Acids Res. 18:2183-2183(1990).  
 McSwine-Kennick R.L., J. Biol. Chem. 266:15135-15143(1991).  
 Gevaert K., Nat. Biotechnol. 21:566-569(2003).



Western blot analysis of extracts from COLO205 cells, using PKC  $\alpha$  (Phospho-Tyr657) antibody.

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