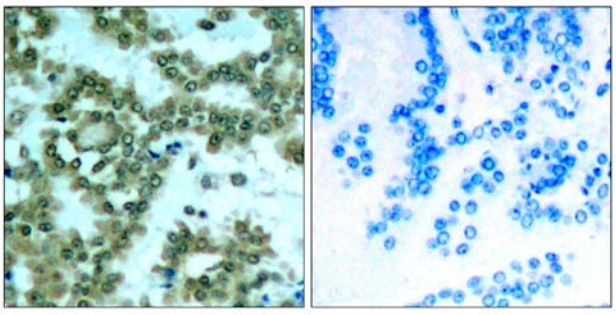
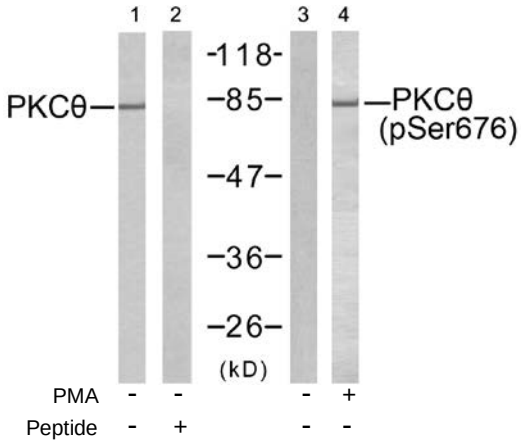
PKCθ (Phospho-Ser676) Antibody

E011297

Catalog Number: E011297-1, E011297-2
Amount: 50μg/50μl, 100μg/100μl
Swiss-Prot No. : Q04759
All Names: PRKCQ , Protein kinase C theta type
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.
Storage/Stability: Store at -20 ℃/1 year
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human PKCθ around the phosphorylation site of serine 676 (R-L-S^P-F-A).
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/Sensitivity: PKCθ (phospho-Ser676) antibody detects endogenous levels of PKCθ only when phosphorylated at serine 676.
Reactivity: Human, Mouse, Rat
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
References:
Kristof Van Kolen, et al. (2006) FEBS J ; 273: 1843 - 1854.
Martin Villalba, et al. (2002) J. Cell Biol ; 157: 253.
Jie Zhang, et al. (2004) J. Biol. Chem ; 279: 22118 - 22123.
Castro AF, et al. (1998) Am J Physiol Cell Physiol; 275: C113 - C119.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using PKCθ (phospho-Ser676) antibody (E011297).



Western blot analysis of extract from Jurkat cells untreated or treated with PMA (1ng/ml, 5min), using PKCθ (Ab-676) antibody (E021289, Lane 1 and 2) and PKCθ (phospho-Ser676) antibody (E011297, Lane 3 and 4).

For Research Use Only