



PKD1/PKC μ (Phospho-Ser205) Antibody

E11-0806A

Catalog Number: E11-0806A

Concentration: 1mg/ml

Swiss-Prot No.: Q15139

Other Names: EC 2.7.11.13, KPCD1, PKC-mu, PKCM, PKD, PRKCM, PRKD1, Protein kinase C, mu type, Protein kinase D, kinase PKD1, nPKC-mu

All Sites: Human: Ser205; Mouse: Ser203;

Storage/Stability: Store at -20°C/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 PKD1/PKC μ around the phosphorylation site of serine 205 (R-L-S^P-N-V).

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: PKD1/PKC μ (Phospho-Ser205) antibody detects endogenous levels of PKD1/PKC μ only when phosphorylated at serine 205.

Reactivity: Human, Mouse

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:40000

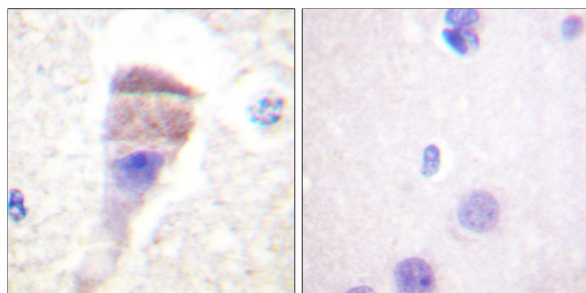
References:

Lynn Pritchard, Hum. Mol. Genet., Nov 2000; 9: 2617 - 2627.

Klaus B. Piontek, J. Am. Soc. Nephrol., Dec 2004; 15: 3035 - 3043.

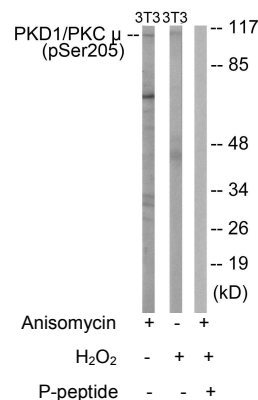
Saori Nishio, J. Clin. Invest., Apr 2005; 115: 910 - 918.

Guanqing Wu, Hum. Mol. Genet., Aug 2002; 11: 1845 - 1854.



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using PKD1/PKC μ (Phospho-Ser205) antibody.



Western blot analysis of extracts from NIH/3T3 cells treated with Anisomycin (25 μ g/ml, 30mins) (lane 1) and NIH/3T3 cells treated with H₂O₂ (100 μ M, 30mins) (lane 2), using PKD1/PKC μ (Phospho-Ser205) antibody.

For Research Use Only