



PKD1/2/3/PKC μ (Phospho-Ser738+Ser742) Antibody

E11-0720A

Catalog Number: E11-0720A**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: Ser738+Ser742; Mouse: Ser744+Ser748; Rat: Ser475+Ser479**Storage/Stability:** Store at -20°C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human PKD1/2/3/PKC μ around the phosphorylation site of serine 738 and serine 742 (E-K-S^P-F-R-R-S^P-V-V).**Purification:** The antibody was affinity-purified from

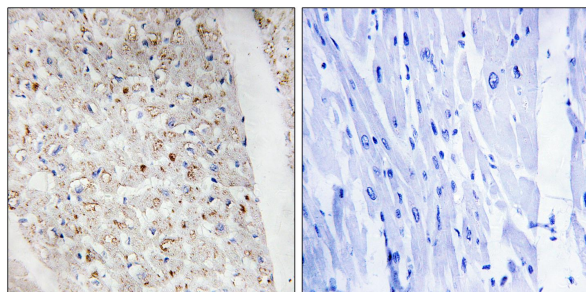
rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: PKD1/2/3/PKC μ (Phospho-Ser738+Ser742) antibody detects endogenous levels of PKD1/2/3/PKC μ only when phosphorylated at serine 738 and serine 742.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000-10000**References:**

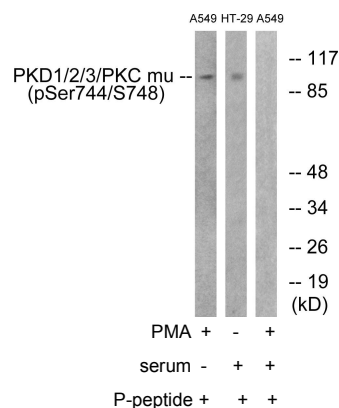
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P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human heart tissue using PKD1/2/3/PKC μ (Phospho-Ser738+Ser742) antibody.Western blot analysis of extracts from A549 cells treated with PMA (125ng/ml, 30mins), and HT-29 cells treated with serum (20%, 15mins), using PKD1/2/3/PKC μ (Phospho-Ser738+Ser742) antibody.**For Research Use Only**