PKD/PKCμ (Phospho-Ser910) Antibody

#11096

Catalog Number: 11096-1, 11096-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. :Q15139

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.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human PKD/PKCμ around the phosphorylation site of serine 910 (R-V-Sp-I-L).

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.

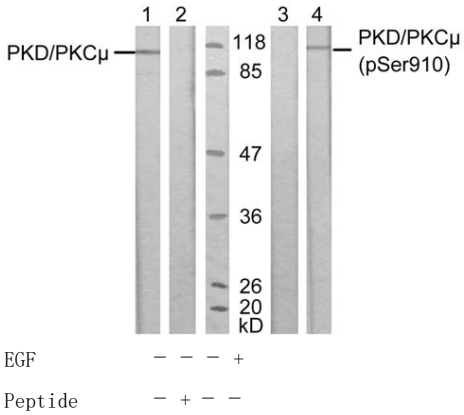
Specificity/Sensitivity: PKD/PKCμ (phospho-Ser910) antibody detects endogenous levels of PKD/PKCμ only when phosphorylated at serine 910.

Reactivity: Human,Mouse,Rat

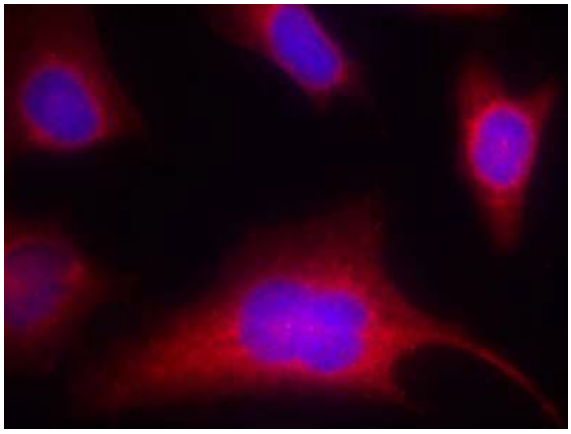
Applications:

Predicted MW: 115 kd

WB: 1:500~1:1000 IF:1:100~1:200



Western blot analysis of extract from A431 cells, untreated or treated with EGF (200ng/ml, 10min), using PKD/PKCμ (Ab-910) antibody (#21128, Lane 1 and 2) and PKD/PKCμ (phospho-Ser910) antibody (#11096, Lane 3 and 4)



Immunofluorescence staining of methanol-fixed HeLa cells using

PKD/PKCμ (phospho-Ser910) antibody (#11096, Red).

Background :

Converts transient diacylglycerol. (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress through activation of NF-kappa-B.

References：

Matthews SA, et al. J Biol Chem 1999 Sep; 274(37): 26543-26549

Brandlin I, et al. J Biol Chem 2002 Feb; 277(8): 6490-6496

Storz P, et al. Mol Pharmacol 2004 Oct; 66(4): 870-879