PKD/PKCμ (Ab-738) Antibody

#21126

Catalog Number: 21126-1, 21126-2

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 non-phosphopeptide derived from human PKD/PKCμ around the phosphorylation site of serine 738 (E-K-Sp-F-R).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

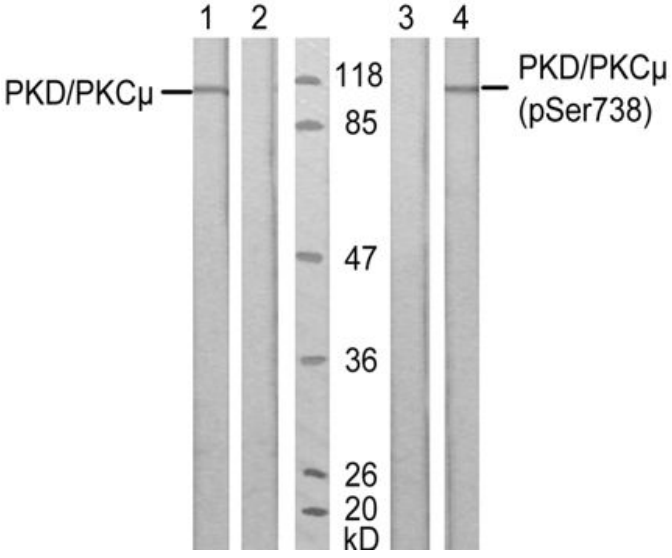
Specificity/Sensitivity: PKD/PKCμ (Ab-738)antibody detects endogenous levels of total PKD/PKCμ protein.

Reactivity: Human,Mouse,Rat

Applications:

Predicted MW: 115 kd

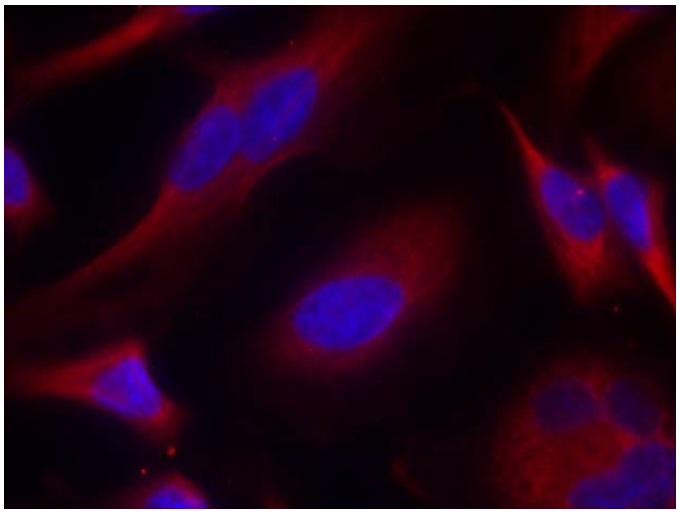
WB: 1:500~1:1000 IF 1:100~1:200



EGF − − − +

Peptide − + − −

Western blot analysis of extract from A431 cells,
untreated or treated with EGF (200ng/ml, 10min),
using PKD/PKCμ (Ab-738) antibody (#21126, Lane 1
and 2) and PKD/PKCμ (phospho- Ser738) antibody
(#11078, Lane 3 and 4).



Immunofluorescence staining of methanol-fixed HeLa cells
using PKD/PKCμ (Ab-738) antibody (#21126, 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：

Storz P, et al. Mol Cell Biol. 2004 Apr; 24(7): 2614-2626.
Storz P, et al. Mol Cell Biol. 2005 Oct; 25(19): 8520-8530.
Zhang W, et al. J Biol Chem 2005 May 13; 280(19): 19036-19044