

PKD/PKC μ (Ab-738) Antibody

Catalog No: #21126

Package Size: #21126-1 50ul #21126-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	PKD/PKC μ (Ab-738) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total PKD/PKC μ protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 736~740 (E-K-S-F-R) derived from Human PKD/PKC μ .
Target Name	PKD/PKC μ
Other Names	nPKC-D1; Protein kinase D; Protein kinase C mu type; nPKC-mu;
Accession No.	Swiss-Prot: Q15139NCBI Protein: NP_002733.2
Uniprot	Q15139
GeneID	5587;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

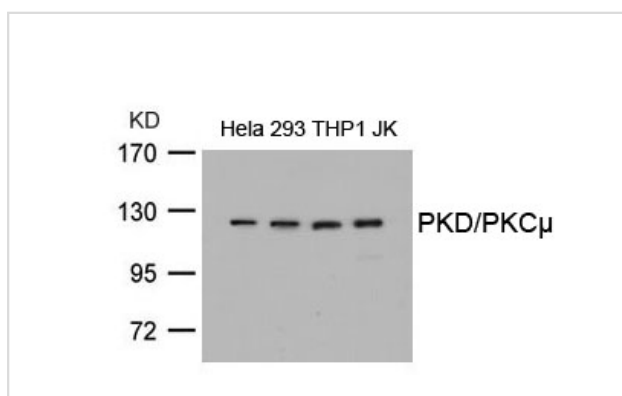
Application Details

Predicted MW: 115kd

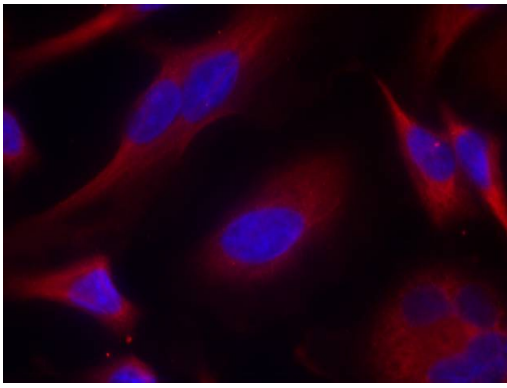
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from HeLa, 293, THP1 and JK cells using PKD/PKC μ (Ab-738) Antibody #21126.



Immunofluorescence staining of methanol-fixed HeLa cells using PKD/PKCm(Ab-738) Antibody #21126.

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.

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

Note: This product is for in vitro research use only