À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-PRKD1 (Ser916)

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:28928-1-AP 2 Publications

Informations de base

Numéro de catalogue:
28928-1-AP

Taille:
100ul , Concentration: 110 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
NM_001330069

Identification du gène (NCBI):
5587

Nom complet:
protein kinase D1

MW calculé
102 kDa

MW observés:
110 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000

Applications

Applications testées:
WB,ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
rat

Contrôles positifs:

WB : cellules NIH/3T3 traitées à l'insuline,

Informations générales

Protein kinase D1 (PRKD1), also named as PKD1 and PKCμ, is comprised of two cysteine-rich domains and a pleckstrin homology (PH) domain. PKD1 is involved in cellular processes including protein secretion, proliferation, cytoskeletal reorganization, Golgi function, immune function and apoptosis. It is widely expressed in thyroid, brain, heart, lung and other tissues. PKCs have been shown to regulate PKD1 activation. It has been reported that ser 916 is a PKD1 autophosphorylation site. PKD1 can be activated by growth factors, oxidative stress, thrombin, bioactive lipids, cross-linking of B- and T-cell receptors and some G-protein coupled receptors (GPCR). PKD1 is located mainly in the cytoplasm in unstimulated cells, while PKD1 migrates to the membrane in activated cells. (PMID: 17306383, 24806360, 30101477, 21696630)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yao Liu	33359794	Food Chem Toxicol	WB
Jianpeng Chen	36525926	Biochem Biophys Res Commun	WB

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3, et BSA à 0,05 %.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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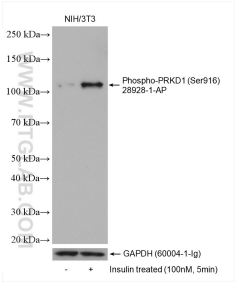
Données de validation sélectionnées



Non-treated NIH/3T3 and Insulin treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 28928-1-AP (Phospho-PRKD1 (Ser916) antibody) at dilution of 1:1000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.