

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-STK11/LKB1 (Thr189)



Numéro de catalogue: 28965-1-AP

1 Publications

Informations de base

Numéro de catalogue:

28965-1-AP

Taille:

100ul, Concentration: 300 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC007981

Identification du gène (NCBI):

6794

Nom complet:

serine/threonine kinase 11

MW calculé

49 kDa

MW observés:

50-55 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:5000-1:50000

Applications

Applications testées:

WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules PC-3 traitées à la calyculine A, cellules NIH/3T3 traitées au UV

Informations générales

Liver kinase 1 (LKB1 also known as STK11) is a tumor suppressor gene that is inactivated by bi-allelic mutation in non-small cell lung cancer (NSCLC), malignant melanoma and cervical cancer. LKB1 protein has a central kinase domain, two N-terminal nuclear leading sequences, and a C-terminal regulatory motif. The protein also contains a CAAX motif at C-terminal end and can be farnesylated. The formation of an LKB1/Strad/MO25 complex is essential for LKB1's kinase activity, and there are at least 13 known substrates of LKB1, which includes AMPKs, BRSKs, and MARKs. LKB1 is the major kinase that phosphorylates the AMPK activation loop in conditions of energy stress. (PMID: 25679014, PMID: 19629071)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yuhao Wang	35406631	Cells	WB

Stockage

Stockage:

Stocker à -20 °C.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquote n'est pas nécessaire pour le stockage à -20C

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

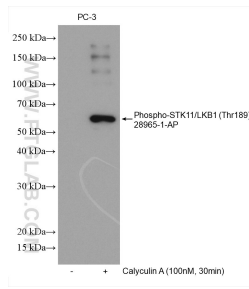
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

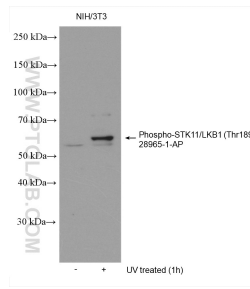
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Non-treated PC-3 and Calyculin A treated PC-3 cells were subjected to SDS PAGE followed by western blot with 28965-1-AP (Phospho-STK11/LKB1 (Thr189) antibody) at dilution of 1:10000 incubated at room temperature for 1 hours.



Non-treated and UV treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 28965-1-AP (Phospho-STK11/LKB1 (Thr189) antibody) at dilution of 1:1000 incubated at 4°C overnight.