

Nur für Forschungszwecke

Phospho-STK11/LKB1 (Thr189) Polyklonaler Antikörper



Katalog-Nr.: 28965-1-AP

1 Publikationen

Allgemeine Informationen

Katalog-Nr.:
28965-1-AP

Größe:
100ul, Konzentration: 300 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
BC007981

GeneID (NCBI):
6794

Vollständiger Name:
serine/threonine kinase 11

Berechnete Masse:
49 kDa

Beobachtete Masse:
50-55 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:5000-1:50000

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human

Positivkontrollen:

WB: Mit Calyculin A behandelte PC-3-Zellen, Mit UV behandelte NIH/3T3-Zellen

Hintergrundinformationen

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)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuhao Wang	35406631	Cells	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern.

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

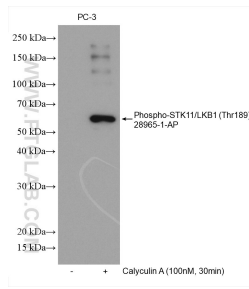
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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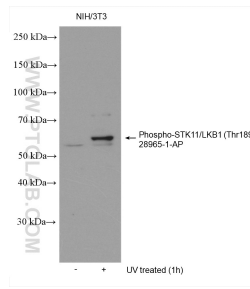
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



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.