

Nur für Forschungszwecke

Phospho-TSC2 (Thr1462) Rekombinanter Antikörper

Katalog-Nr.: 80698-1-RR



Allgemeine Informationen

Katalog-Nr.:
80698-1-RR

Größe:

100ul, Konzentration: 1000 µg/ml von 7249

Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

BC150300

GeneID (NCBI):

von 7249

Vollständiger Name:

tuberous sclerosis 2

Berechnete Masse:

1807 aa, 201 kDa

Beobachtete Masse:

200 kDa

Reinigungsmethode:

Protein-A-Reinigung

CloneNo.:

1L20

Empfohlene Verdünnungen:

WB 1:2000-1:10000

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

Getestete Reaktivität:

Human

Positivkontrollen:

WB: Mit Calyculin A behandelte HEK-293-Zellen,

Hintergrundinformationen

TSC2, also named Tuberin, plays an essential role in the cellular energy response pathway. TSC2 forms a physical and functional complex with TSC1 that can inhibit the nutrient-mediated or growth factor-stimulated phosphorylation of S6K1 and EIF4EBP1 by negatively regulating mTORC1 signaling. It has been reported that TSC2 can be phosphorylated at Thr1462 by Akt/PKB involved in stimulating cell growth and is activated by insulin. (PMID: 14651849, 12172553)

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

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

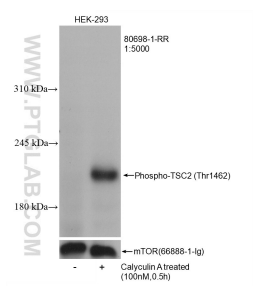
For technical support and original validation data for this product please contact:

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

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

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Ausgewählte Validierungsdaten



Non-treated and Calyculin A treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 80698-1-RR (Phospho-TSC2 (Thr1462) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with mTOR antibody (66888-1-Ig) as the loading control.