

Nur für Forschungszwecke

Phospho-TSC2 (Ser939) Rekombinanter Antikörper

Katalog-Nr.: 81654-1-RR



Allgemeine Informationen

Katalog-Nr.: 81654-1-RR	GenBank-Zugangsnummer: BC150300	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 7249	CloneNo.: 2B18
Wirt: Kaninchen	Vollständiger Name: tuberous sclerosis 2	Empfohlene Verdünnungen: WB 1:1000-1:5000
Isotyp: IgG	Berechnete Masse: 1807 aa, 201 kDa	
	Beobachtete Masse: 200 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Mit Calyculin A behandelte HEK-293-Zellen,
Getestete Reaktivität: Human	

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. Tuberin is phosphorylated on Ser939 and Thr1462 in response to PI3K activation and the human TSC complex is a direct biochemical target of the PI3K/Akt pathway (PMID: 12150915).

Lagerung

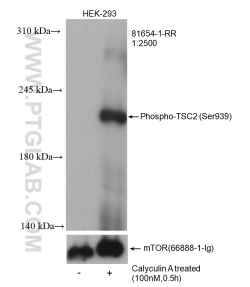
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
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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 81654-1-RR (Phospho-TSC2 (Ser939) antibody) at dilution of 1:2500 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.