

Nur für Forschungszwecke

Phospho-RPS6KA1 (Ser380) Rekombinanter Antikörper



Katalog-Nr.: 80108-1-RR

Allgemeine Informationen

Katalog-Nr.: 80108-1-RR	GenBank-Zugangsnummer: BC014966	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 6195	CloneNo.: 7F23
Wirt: Kaninchen	Vollständiger Name: ribosomal protein S6 kinase, 90kDa, polypeptide 1	Empfohlene Verdünnungen: WB 1:1000-1:5000
Isotyp: IgG	Berechnete Masse: 735 aa, 83 kDa	
	Beobachtete Masse: 83-90 kDa	

Anwendungen

Geprüfte Anwendungen:
FC, WB, ELISA

Getestete Reaktivität:
Human, Maus

Positivkontrollen:
WB: Mit PDGF behandelte NIH/3T3-Zellen, HeLa-Zellen, Jurkat-Zellen, Mit Calyculin A behandelte HeLa-Zellen, mit Calyculin A behandelte Jurkat-Zellen

Hintergrundinformationen

The 90 kDa ribosomal S6 kinases (RSK1-4) are a family of widely expressed serine/threonine kinases and play an important role in the MAPK signaling cascade and act downstream of ERK1/2 signaling. It can mediate mitogenic and stress-induced activation of the transcription factors CREB1, ETV1/ER81 and NR4A1/NUR77. RSK1 (RPS6KA1) is also designated as p90RSK associated with cellular proliferation, survival and differentiation. It has been reported that the phosphorylation of RPS6KA1 at Ser380 is involved in autophosphorylation by activation of the C-terminal kinase domain. (PMID: 16458888, 30813401, 17259979, 10679322)

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.

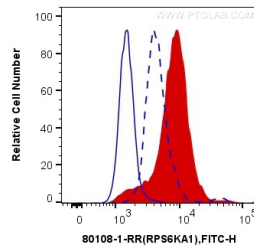
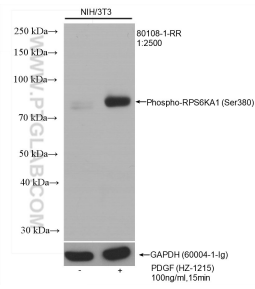
Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

Ausgewählte Validierungsdaten



Non-treated NIH/3T3 and PDGF (HZ-1215) treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 80108-1-RR (Phospho-RPS6KA1 (Ser380) antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.

1X10⁶ Jurkat cells untreated (dashed line) or treated with TPA treated (red) were intracellularly stained with 0.4 ug Anti-Human Phospho-RPS6KA1 (Ser380) (80108-1-RR, Clone:7F23) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.