

Nur für Forschungszwecke

Phospho-p70(S6K) (Thr229) Polyklonaler Antikörper



Katalog-Nr.: 28988-1-AP

Allgemeine Informationen

Katalog-Nr.: 28988-1-AP	GenBank-Zugangsnummer: BC053365	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 6198	Empfohlene Verdünnungen: WB 1:1000-1:6000
Wirt: Kaninchen	Vollständiger Name: ribosomal protein S6 kinase, 70kDa, polypeptide 1	
Isotyp: IgG	Berechnete Masse: 59 kDa	
	Beobachtete Masse: 65-85 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Mit λ-Phosphatase behandelte HeLa-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

The Rps6kb1 gene encodes the 70 kDa ribosomal protein S6 kinase (p70S6K), which is a serine/threonine kinase regulated by phosphoinositide 3-kinase (PI3K)/mammalian target of rapamycin (mTOR) pathway. P70S6K plays a crucial role in controlling cell cycle, growth and survival. The PI3K/mTOR signalling pathway is one of the major mechanisms for controlling cell survival, proliferation and metabolism and is the central regulator of translation of some components of protein synthesis system. Due to alternative translation two isoform S6K1 proteins are known to exist in mammalian cells: p85 S6K1 and p70 S6K1, which is identical to p85 S6K but lacks its first 23 amino acids. In addition, mammalian cells express a second S6K1 isoform spanning 316 amino acids (p31 S6K1). (PMID: 25100792, PMID: 24970012, PMID: 21602892)

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

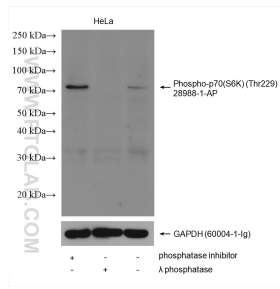
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Non-treated HeLa, phosphatase inhibitor treated and λ phosphatase treated HeLa cells were subjected to SDS PAGE followed by western blot with 28988-1-AP (Phospho-p70(S6K) (Thr229) antibody) at dilution of 1:3000 incubated at room temperature for 1 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.