

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-p70(S6K) (Thr389)



Numéro de catalogue: 28735-1-AP

11 Publications

Informations de base

Numéro de catalogue:

28735-1-AP

Taille:

100ul, Concentration: 450 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_003161

Identification du gène (NCBI):

6198

Nom complet:

ribosomal protein S6 kinase, 70kDa, polypeptide 1

MW observés:

65-85 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

Applications

Applications testées:

WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules MCF-7 traitées à l'IGF-1,

Informations générales

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). mTOR is known to phosphorylate and thereby activate p70 S6K1 at T389 and p85 S6K1 at T412. (PMID: 25100792, PMID: 24970012, PMID: 21602892)

Publications notables

Autrice	Pubmed ID	Journal	Application
Minfen Zhang	34520393	Aging (Albany NY)	WB
Dengke Gao	36280090	Cell Signal	WB
Dongdong Yang	36417878	Cell Rep	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

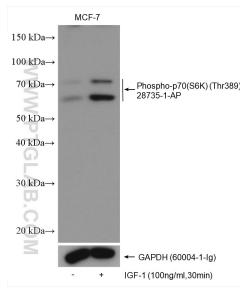
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Données de validation sélectionnées



Non-treated and IGF-1 treated MCF-7 cells were subjected to SDS PAGE followed by western blot with 28735-1-AP (Phospho-p70(S6K) (Thr389) antibody) at dilution of 1:8000 incubated at room temperature for 1 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.