

À des fins de recherche uniquement

# Anticorps Recombinant de lapin anti-Phospho-p70(S6K) (Thr229)



Numéro de catalogue:81592-1-RR

## Informations de base

<b>Numéro de catalogue:</b> 81592-1-RR	<b>Numéro d'acquisition GenBank:</b> BC053365	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 6198	<b>CloneNo.:</b> 2G19
<b>Hôte:</b> Lapin	<b>Nom complet:</b> ribosomal protein S6 kinase, 70kDa, polypeptide 1	<b>Dilutions recommandées:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>MW calculé:</b> 59 kDa	
	<b>MW observés:</b> 65-85 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules MCF-7 traitées à l'IGF-1,
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

RPS6KB1(Ribosomal protein S6 kinase beta-1) is also named as STK14A, p70 S6KA, and belongs to the S6 kinase subfamily. RPS6KB1 is a major substrate of mTOR and acts as a crucial effector of mTOR signaling pathway. It plays a key role in cell growth and proliferation by regulating INS sensitivity, metabolism, protein synthesis, and cell cycle. RPS6KB1 may play an important role in the progression of HCC and could serve as a potential molecular target for HCC therapy (PMID:22684641). The Rps6kb1 gene encodes the 70 kDa ribosomal protein S6 kinase (p70S6K). 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 the 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).

## 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.

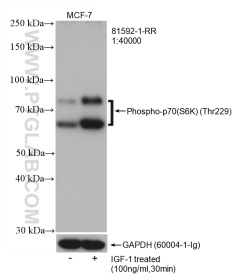
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## Données de validation sélectionnées



Non-treated and IGF-1 treated MCF-7 cells were subjected to SDS PAGE followed by western blot with 81592-1-RR (Phospho-p70(S6K) (Thr229) antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with 60004-1-Ig (GAPDH antibody) as loading control.