

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-Phospho-RASGRF1 (Ser927)



Numéro de catalogue: 82309-1-RR

Informations de base

Numéro de catalogue: 82309-1-RR	Numéro d'acquisition GenBank: BC040275	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 5923	CloneNo.: 5K3
Hôte: Lapin	Nom complet: Ras protein-specific guanine nucleotide-releasing factor 1	Dilutions recommandées: WB 1:1000-1:8400
Isotype: IgG	MW calculé: 134 kDa	
	MW observés: 145 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : Forskolin treated HeLa cells,
Spécificité de l'espèce: Humain	

Informations générales

The RASGRF1 exchange factor, which is also known as CDC25 in *Saccharomyces cerevisiae*, promotes the exchange of Ras-bound GDP by GTP, is known to play central roles in pathways of cellular growth and differentiation. The serine residue at position 916 in mouse Ras-GRF1 is a PKA phosphorylation site, and the corresponding human residue is serine 927. It's reported that phosphorylation of serine 916 is necessary but not sufficient for maximal activation of mouse RASGRF1. The calculated MW of non-phosphorylated RASGRF1 is 145 kDa. 82309-1-RR can detect a band around 145 kDa, and can detect the increasing phosphorylation level after Forskolin treated. (PMID:15853814, 10601308)

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.**

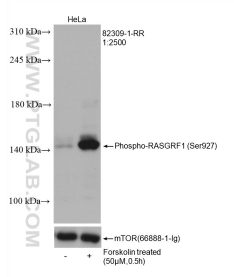
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Non-treated and Forskolin treated HeLa cells were subjected to SDS PAGE followed by western blot with 82309-1-RR (Phospho-RASGRF 1 (Ser927) antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with mTOR (66888-1-Ig) as loading control.