

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-PRAS40 (Thr246)



Numéro de catalogue: 29072-1-AP

Informations de base

Numéro de catalogue: 29072-1-AP	Numéro d'acquisition GenBank: BC051844	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 240 µg/ml by Nanodrop;	Identification du gène (NCBI): 84335	Dilutions recommandées: WB 1:2000-1:10000
Hôte: Lapin	Nom complet: AKT1 substrate 1 (proline-rich)	
Isotype: IgG	MW calculé: 27 kDa	
	MW observés: 40 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules MCF-7 traitées à l'IGF-1, cellules PC-3 traitées à la calyculine A
Spécificité de l'espèce: Humain	

Informations générales

PRAS40 is expressed in a variety of tissues in vivo and has multiple phosphorylation sites, which its activity is closely related to phosphorylation. Studies have shown that PRAS40 is involved in regulating cell growth, cell apoptosis, oxidative stress, autophagy and angiogenesis, as well as various of signalling pathways such as mammalian target of mammalian target rapamycin (mTOR), protein kinase B (PKB/Akt), nuclear factor kappa-B (NF-κB), proto-oncogene serine/threonine-protein kinase PIM-1 (PIM1) and pyruvate kinase M2 (PKM2). PGK1 phosphorylated PRAS40 at Threonine 246, which could be inhibited by blocking the interaction. PRAS40 can be phosphorylated by p-AKT at Thr246 site and promote the signal downstream to the mTOR signaling pathway. (PMID: 35058442, PMID: 32855714)

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azote 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.

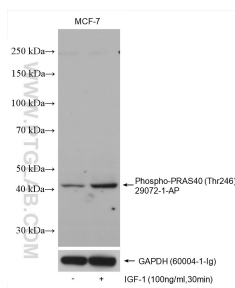
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

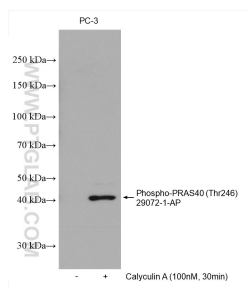
E: proteintech@ptglab.com
W: ptglab.com

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 MCF-7 cells and IGF-1 treated MCF-7 cells were subjected to SDS PAGE followed by western blot with 29072-1-AP (Phospho-PRAS40 (Thr246) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.



Non-treated PC-3 cells and Calyculin A treated PC-3 cells were subjected to SDS PAGE followed by western blot with 29072-1-AP (Phospho-PRAS40 (Thr246) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.