

Nur für Forschungszwecke

Phospho-PRAS40 (Thr246) Polyklonaler Antikörper



Katalog-Nr.: 29072-1-AP

Allgemeine Informationen

Katalog-Nr.: 29072-1-AP	GenBank-Zugangsnummer: BC051844	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 240 µg/ml von Nanodrop;	GeneID (NCBI): 84335	Empfohlene Verdünnungen: WB 1:2000-1:10000
Wirt: Kaninchen	Vollständiger Name: AKT1 substrate 1 (proline-rich)	
Isotyp: IgG	Berechnete Masse: 27 kDa	
	Beobachtete Masse: 40 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Mit IGF-1 behandelte MCF-7-Zellen, Mit Calyculin A behandelte PC-3-Zellen
Getestete Reaktivität: Human	

Hintergrundinformationen

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)

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
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

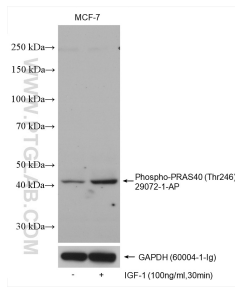
For technical support and original validation data for this product please contact:

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

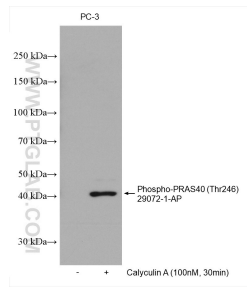
E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



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.