

Nur für Forschungszwecke

Phospho-GRB10 (Ser476) Polyklonaler Antikörper



Katalog-Nr.: 28873-1-AP

Allgemeine Informationen

Katalog-Nr.: 28873-1-AP	GenBank-Zugangsnummer: BC024285	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 350 µg/ml von Nanodrop;	GeneID (NCBI): 2887	Empfohlene Verdünnungen: WB 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: growth factor receptor-bound protein 10	
Isotyp: IgG	Berechnete Masse: 536aa,61 kDa; 594aa,67 kDa	
	Beobachtete Masse: 70-80 kDa	

Anwendungen

Geprüfte Anwendungen:
WB, ELISA

Getestete Reaktivität:
Human, Maus

Positivkontrollen:

WB: Mit λ-Phosphatase behandelte NIH/3T3-Zellen,

Hintergrundinformationen

Growth factor receptor-bound protein 10 (GRB10) is an adapter protein which modulates coupling of a number of cell surface receptor kinases with specific signaling pathways. GRB10 has three consensus domains including pleckstrin homology (PH) domain, SH2/SH3 domain and Ras-associating domain. By binding to kinases, GRB10 suppresses signals from activated receptors tyrosine kinases, including the INSR and INS-like growth factor (IGF1R) receptors. It may play a role in mediating INS-stimulated ubiquitination of INSR, leading to proteasomal degradation. It has been reported that GRB10 is a direct substrate of mechanistic/mammalian target of mTOR and can be phosphorylated at Ser150, Ser428 and Ser476 identified as MAPK-mediated phosphorylation sites. (PMID: 15952796, 24746805, 21659605)

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

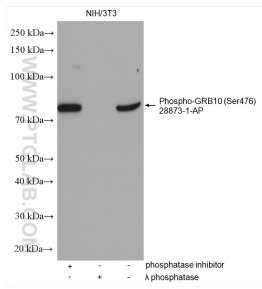
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Non-treated NIH/3T3, phosphatase inhibitor treated and λ phosphatase treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 28873-1-AP (Phospho-GRB10 (Ser476) antibody) at dilution of 1:1000 incubated at 4°C overnight.