

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-GRB10 (Ser476)



Numéro de catalogue: 28873-1-AP

Informations de base

Numéro de catalogue:

28873-1-AP

Taille:

100ul, Concentration: 350 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC024285

Identification du gène (NCBI):

2887

Nom complet:

growth factor receptor-bound protein 10

MW calculé

536aa,61 kDa; 594aa,67 kDa

MW observés:

70-80 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain, souris

Contrôles positifs:

WB : cellules NIH/3T3 traitées à la λ phosphatase,

Informations générales

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)

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.

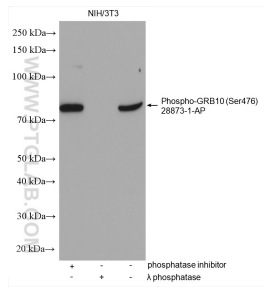
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Données de validation sélectionnées



Non-treated 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.