

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-PDPK1 (Ser241)



Numéro de catalogue: 29241-1-AP

Informations de base

Numéro de catalogue:

29241-1-AP

Taille:

100ul, Concentration: 200 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC012103

Identification du gène (NCBI):

5170

Nom complet:

3-phosphoinositide dependent protein kinase-1

MW calculé

556 aa, 63 kDa

MW observés:

60-63 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 PC-3 traitées au PDGF, cellules NIH/3T3 traitées au PDGF

Informations générales

3-Phosphoinositide dependent protein kinase-1 (PDK1 or PDPK1) is a serine-threonine kinase belonging to AGC kinase family. PDK1 plays a critical role in establishing ACD (Asymmetric cell division) in the epithelium (PMID: 27184845). The kinase activity of PDK1 depends on phosphatidylinositol 3-kinase (PI3K), a key intermediate in signaling pathways including those from growth factor receptors and adhesion molecules. Substrates of PDK1, including AKT and the protein kinase C (PKC) isozymes, regulate a number of essential cell functions (PMID: 20027184). PDPK1 has 5 isoforms produced by alternative splicing of 48-63 kDa and is detected as 60-63 kDa.

Stockage

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Stocker à -20 °C

Tampon de stockage:

PBS avec azoture de sodium à 0,02 %, glycérol à 50 % pH 7,3, et BSA à 0,05 %

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

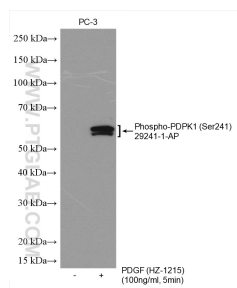
For technical support and original validation data for this product please contact:

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

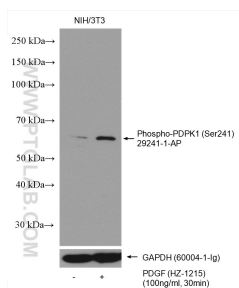
E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



Non-treated PC-3 and PDGF (HZ-1215) treated PC-3 cells were subjected to SDS PAGE followed by western blot with 29241-1-AP (Phospho-PDPK1 (Ser241) antibody) at dilution of 1:1000 incubated at 4°C overnight.



Non-treated NIH/3T3 and PDGF (HZ-1215) treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 29241-1-AP (Phospho-PDPK1 (Ser241) antibody) at dilution of 1:2000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.