

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-ULK1 (Thr468)



Numéro de catalogue: 29006-1-AP

1 Publications

Informations de base

Numéro de catalogue:

29006-1-AP

Taille:

100ul , Concentration: 450 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_003565

Identification du gène (NCBI):

8408

Nom complet:

unc-51-like kinase 1 (C. elegans)

MW observés:

130-140 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

Applications

Applications testées:

WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

rat

Contrôles positifs:

WB : cellules HeLa traitées à la λ phosphatase,

Informations générales

Unc-51-like-kinase 1 (ULK1) is a target of both the mechanistic target of rapamycin (mTOR) and AMP activated protein kinase (AMPK), whose role is to facilitate the initiation of autophagy in response to starvation. ULK1 is phosphorylated on serine 638 and 758 sites by mTOR in nutrient-rich conditions, inhibiting ULK1 activation by disrupting its binding to AMPK. Upon glucose starvation, dissociation of mTOR from ULK1 and phosphorylation by AMPK leads to the activation of ULK1 activity. S467, S556, and T574 are sites responsible for regulating mitochondrial homeostasis during starvation. (PMID: 30517873, PMID: 21258367)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yi Zhou	35934162	Brain Res Bull	WB

Stockage

Stockage:

Stocker à -20 °C

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.

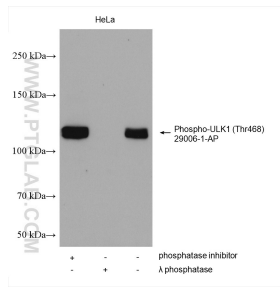
For technical support and original validation data for this product please contact:

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

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Données de validation sélectionnées



Non-treated HeLa, phosphatase inhibitor treated and λ phosphatase treated HeLa cells were subjected to SDS PAGE followed by western blot with 29006-1-AP (Phospho-ULK1 (Thr468) antibody) at dilution of 1:4000 incubated at room temperature for 1 hours.