À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-Phospho-MEK1 (Thr386)

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:81304-1-RR Phare

Informations de base

Numéro de catalogue:
81304-1-RR

Taille:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
BC139729

Identification du gène (NCBI):
5604

Nom complet:
mitogen-activated protein kinase kinase 1

MW calculé
43 kDa

MW observés:
40-50 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
6K5

Dilutions recommandées:
WB 1:5000-1:50000

Applications

Applications testées:
WB, ELISA

Spécificité de l'espèce:
Humain

Contrôles positifs:

WB : cellules HeLa, cellules HeLa traitées à la λ phosphatase

Informations générales

MAP2K1 encodes MAPK1, also known as MEK1. MEK1 variants can enhance MEK1 expression and ERK1 phosphorylation that together lead to continuous activation of MEK/ERK signaling pathway. MEK1 bind directly to ERK2 through a region in the N terminus of MEK. In addition, a proline-rich (PR) regulatory sequence in MEK is also involved in MEK-ERK association and signal propagation. The coupling between MEK1 and ERK2 is enhanced through phosphorylation on S298 in the MEK1 PR region, whereas phosphorylation on MEK1 T292 releases the complex. MEK1 T292 is a substrate of ERK2, but the site is also phosphorylated at a basal level when ERK2 is inhibited, suggesting several regulators of this site . Although the S298 site in MEK2 has been conserved, it lacks the T292 phosphorylation site, and it is not a substrate of PAK1. (PMID: 31972311, PMID: 17928366, PMID: 22177953)

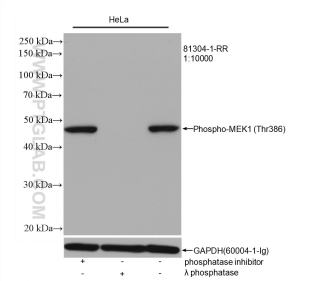
Stockage

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

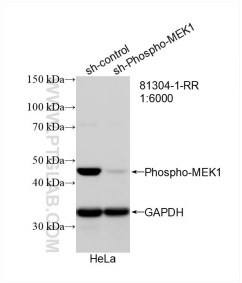
***** Les 20ul contiennent 0,1% de BSA.**

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

Données de validation sélectionnées



Non-treated HeLa cells, phosphatase inhibitor treated and λ phosphatase treated HeLa cells were subjected to SDS PAGE followed by western blot with 81304-1-RR (Phospho-MEK1 (Thr386) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.



WB result of Phospho-MEK1 (Thr386) antibody (81304-1-RR; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Phospho-MEK1 (Thr386) transfected HeLa cells.