

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-MEK1 (Thr286)



Numéro de catalogue: 28933-1-AP

Informations de base

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28933-1-AP

Taille:

100ul, Concentration: 350 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:

40-45 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain

Contrôles positifs:

WB : nocodazole treated HeLa cells,

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 enzymatic activity is regulated by site-specific phosphorylation that can be activated with phosphorylation of Ser217/Ser221 by Raf kinase or suppressed by phosphorylation of Thr286 and Thr292 by CDK1 and CDK5 or Thr292 and Thr386 by ERK1/2. (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.

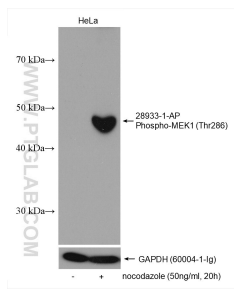
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Données de validation sélectionnées



Non-treated HeLa cells and nocodazole treated HeLa cells were subjected to SDS PAGE followed by western blot with 28933-1-AP (Phospho-MEK1 (Thr286) antibody) at dilution of 1:3000 incubated at room temperature for 1 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.