À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-ATF2 (Thr71)/ATF7 (Thr53)

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:28790-1-AP

Informations de base

Numéro de catalogue:
28790-1-AP

Taille:
100ul , Concentration: 900 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
BC026175

Identification du gène (NCBI):
1386

Nom complet:
activating transcription factor 2

MW calculé
209 aa, 23 kDa

MW observés:
60-70 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:16000

Applications

Applications testées:
WB, ELISA

Spécificité de l'espèce:
Humain, souris

Contrôles positifs:

WB : cellules NIH/3T3 traitées à l'anisomycine,

Informations générales

ATF2, also named as CREB2 and CREBP1, contains one bZIP domain and one C2H2-type zinc finger. It belongs to the bZIP family. ATF2 binds to the cAMP-responsive element(CRE), an octameric palindrome. It forms a homodimer or a heterodimer with c-Jun and stimulates CRE-dependent transcription. ATF2 binds DNA as a dimer and can form a homodimer in the absence of DNA. It binds through its N-terminal region to UTF1 which acts as a coactivator of ATF2 transcriptional activity. Stress and growth factors activate ATF2 and ATF7 mainly via sequential phosphorylation of two conserved threonine residues in their activation domain. Distinct protein kinases, among which mitogen-activated protein kinases (MAPK), phosphorylate ATF2 on Thr71 and ATF7 on Thr53, resulting in transcriptional activation. The antibody recognizes ATF2 phosphorylation sites Thr71 and ATF7 phosphorylation sites Thr53.

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
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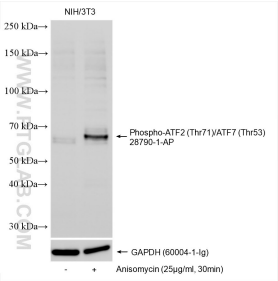
Données de validation sélectionnées



Non-treated NIH/3T3 cells and Anisomycin treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 28790-1-AP (Phospho-ATF2 (Thr71)/ATF7 (Thr53) antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.