

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-NFIL3



Numéro de catalogue: 11773-1-AP

Phare

10 Publications

## Informations de base

Numéro de catalogue:  
11773-1-AP

Taille:  
150ul, Concentration: 900 µg/ml by Nanodrop and 413 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG2380

Numéro d'acquisition GenBank:  
BC008197

Identification du gène (NCBI):  
4783

Nom complet:  
nuclear factor, interleukin 3 regulated

MW calculé  
462 aa, 51 kDa

MW observés:  
55-60 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:1000-1:6000  
IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB  
IF 1:50-1:500

## Applications

Applications testées:  
FC (Intra), IF, IP, WB, ELISA

Demandes citées:  
ChIP, IF, IHC, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, rat, souris

Contrôles positifs:

WB : cellules HepG2, cellules K562

IP : cellules HeLa,

IF : cellules HepG2,

## Informations générales

NFIL3, also named as E4BP4 and IL3BP1, belongs to the bZIP family and NFIL3 subfamily. It represses transcription from promoters with activating transcription factor (ATF) sites. NFIL3 activates transcription from the interleukin-3 promoter in T-cells. It competes for the same consensus-binding site with PAR DNA-binding factors (DBP, HLF and TEF). It is a component of the circadian clock that acts as a negative regulator for the circadian expression of PER2 oscillation in the cell-autonomous core clock. NFIL3 protects pro-B cells from programmed cell death. It is a key regulator of TH2 responses (PMID:21499227). The calculated molecular weight of NFIL3 is 51 kDa, but the modified NFIL3 is about 55-60 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Honghu Tang	34660620	Front Med (Lausanne)	WB, ChIP
Min Chen	31515204	Drug Metab Dispos	WB, ChIP
Min Chen	36216079	Biochem Pharmacol	WB

## 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.

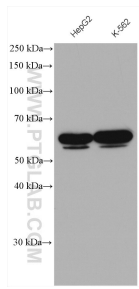
For technical support and original validation data for this product please contact:

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

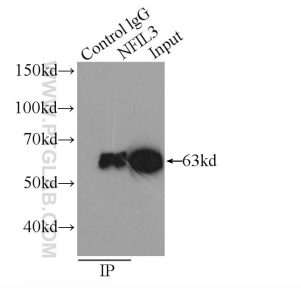
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

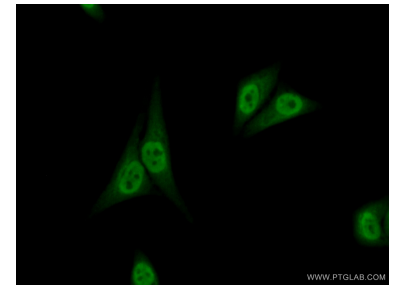
## Données de validation sélectionnées



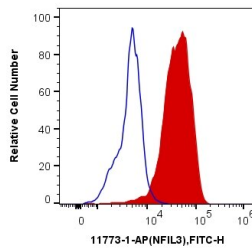
Various lysates were subjected to SDS PAGE followed by western blot with 11773-1-AP (NFIL3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP Result of anti-NFIL3 (IP:11773-1-AP, 4ug; Detection:11773-1-AP 1:1000) with HeLa cells lysate 1600ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 11773-1-AP (NFIL3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> NK92 were intracellularly stained with 0.4 ug Anti-Human NFIL3 (11773-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug x. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).