

Nur für Forschungszwecke

NFIL3 Polyklonaler Antikörper

Katalog-Nr.:11773-1-AP

Vorgestelltes Produkt

10 Publikationen



Allgemeine Informationen

Katalog-Nr.:

11773-1-AP

Größe:

150ul, Konzentration: 900 µg/ml von Nanodrop und 413 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG2380

GenBank-Zugangsnummer:

BC008197

GeneID (NCBI):

4783

Vollständiger Name:

nuclear factor, interleukin 3 regulated

Berechnete Masse:

462 aa, 51 kDa

Beobachtete Masse:

55-60 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:6000

IP 0.5-4.0 ug für IP und 1:500-1:2000

für WB

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

FC (Intra), IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

ChIP, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : HepG2-Zellen, K562-Zellen

IP : HeLa-Zellen,

IF : HepG2-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

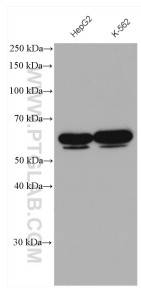
For technical support and original validation data for this product please contact:

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

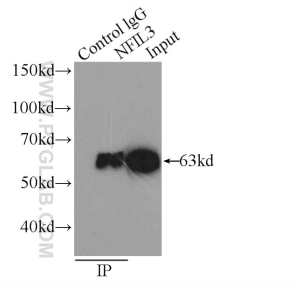
E: proteintech@ptglab.com
W: ptglab.com

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

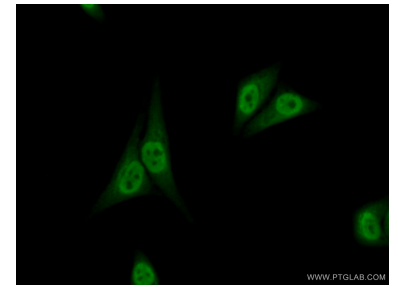
Ausgewählte Validierungsdaten



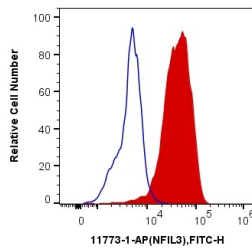
Various lysates were subjected to SDS PAGE followed by western blot with 11773-1-AP (NFIL3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).



1×10^6 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).