

## NFIL3 antibody

### Product Information

Catalog No.:	FNab05700
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Acts as a transcriptional regulator that recognizes and binds to the sequence 5'-[GA]TTA[CT]GTAA[CT]-3', a sequence present in many cellular and viral promoters. Represses transcription from promoters with activating transcription factor(ATF) sites. Represses promoter activity in osteoblasts(By similarity). Represses transcriptional activity of PER1(By similarity). Represses transcriptional activity of PER2 via the B-site on the promoter(By similarity). Activates transcription from the interleukin-3 promoter in T-cells. Competes for the same consensus-binding site with PAR DNA-binding factors(DBP, HLF and TEF)(By similarity). Component of the circadian clock that acts as a negative regulator for the circadian expression of PER2 oscillation in the cell-autonomous core clock(By similarity). Protects pro-B cells from programmed cell death(By similarity).

### Immunogen information

Immunogen:	nuclear factor, interleukin 3 regulated
Synonyms:	Nuclear factor interleukin-3-regulated protein E4 promoter-binding protein 4 Interleukin-3 promoter transcriptional activator Interleukin-3-binding protein 1 Transcriptional activator NF-IL3A NFIL3 E4BP4 IL3BP1
Observed MW:	55-60 kDa
Uniprot ID :	Q16649

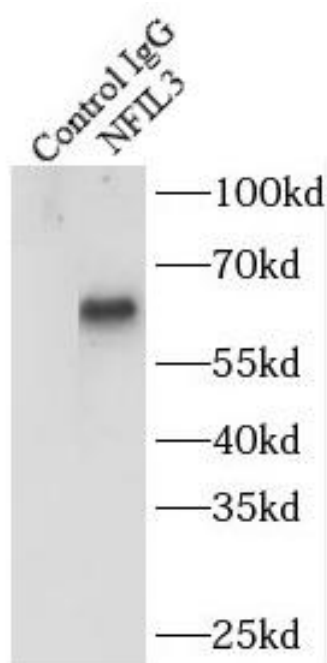
## Application

Reactivity: Human, Mouse, Rat

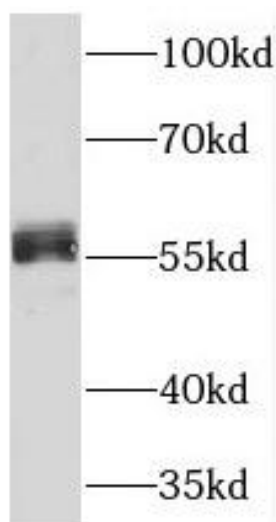
Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:2000

Image:



IP Result of anti-NFIL3 (IP:FNab05700, 4ug;  
Detection:FNab05700 1:1000) with HeLa cells  
lysate 1600ug.



HepG2 cells were subjected to SDS PAGE  
followed by western blot with FNab05700(NFIL3  
antibody) at dilution of 1:3000