

NFIL3 Rabbit pAb

Catalog No.: A14029

Basic Information

Observed MW

55kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Rat

Background

The protein encoded by this gene is a transcriptional regulator that binds as a homodimer to activating transcription factor (ATF) sites in many cellular and viral promoters. The encoded protein represses PER1 and PER2 expression and therefore plays a role in the regulation of circadian rhythm. Three transcript variants encoding the same protein have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID

4783

Swiss Prot

Q16649

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 133-462 of human NFIL3 (NP_005375.2).

Synonyms

E4BP4; IL3BP1; NFIL3A; NF-IL3A; NFIL3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

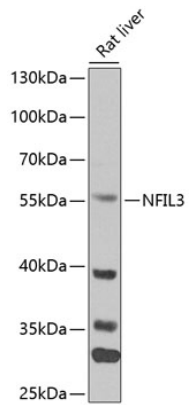
Affinity purification

Storage

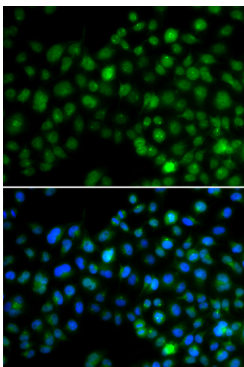
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of mouse liver, using NFIL3 antibody (A14029) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 60s.



Immunofluorescence analysis of MCF-7 cells using NFIL3 antibody (A14029). Blue: DAPI for nuclear staining.