

Datasheet for ABIN7161775
anti-NFIL3 antibody (AA 133-462)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	NFIL3
Binding Specificity:	AA 133-462
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFIL3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Nuclear factor interleukin-3-regulated protein (133-462AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	NFIL3
Alternative Name:	NFIL3 (NFIL3 Products)
Background:	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.

Target Details

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).

Aliases: E4 promoter binding protein 4 antibody, E4 promoter-binding protein 4 antibody, E4BP4 antibody, E4BP4 protein antibody, IL3BP 1 antibody, IL3BP1 antibody, Interleukin 3 binding protein 1 antibody, Interleukin 3 promoter transcriptional activator antibody, Interleukin-3 promoter transcriptional activator antibody, Interleukin-3-binding protein 1 antibody, NFIL 3 antibody, NFIL 3A antibody, NFIL3 antibody, NFIL3_HUMAN antibody, NFIL3A antibody, Nuclear factor interleukin 3 regulated antibody, Nuclear factor interleukin-3-regulated protein antibody, Transcriptional activator NF IL3A antibody, Transcriptional activator NF-IL3A antibody

UniProt: [Q16649](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

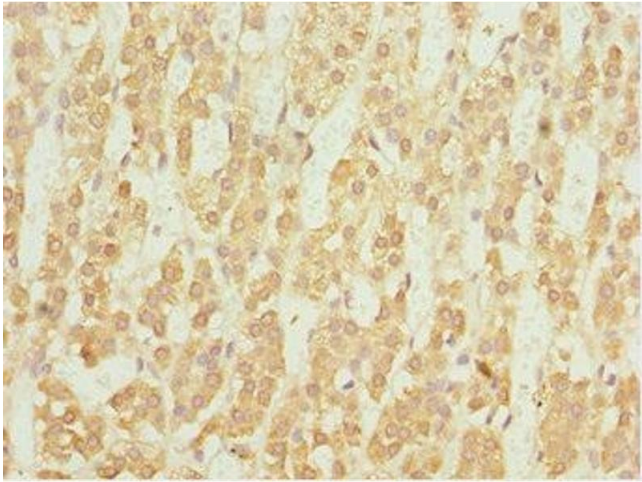
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

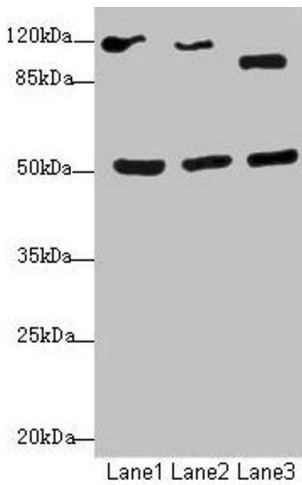
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



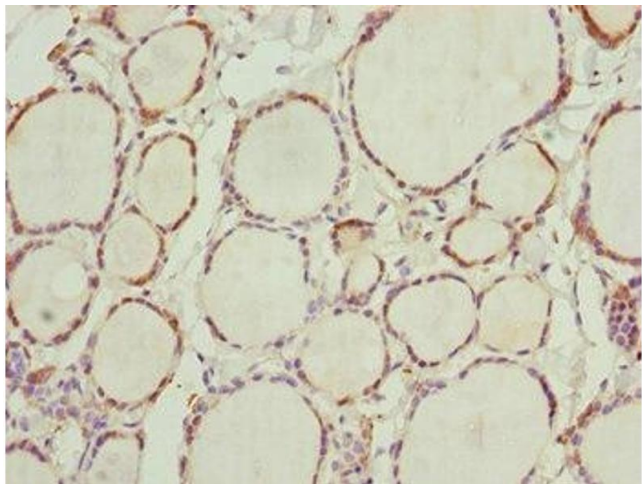
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7161775 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: NFIL3antibody at 2.79 μ g/mL Lane 1: HepG2 whole cell lysate Lane 2: 293T whole cell lysate Lane 3: Hela whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 51 kDa Observed band size: 51, 90 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human thyroid tissue using ABIN7161775 at dilution of 1:100