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Datasheet for ABIN5531696  
**anti-NFYB antibody (N-Term)**

2 Images

### Overview

Quantity:	400 µL
Target:	NFYB
Binding Specificity:	AA 17-46, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Immunogen:	This NFYB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human NFYB.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	NFYB
Alternative Name:	NFYB ( <a href="#">NFYB Products</a> )
Background:	The protein encoded by this gene is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoter regions in a variety of genes. This gene product, subunit B, forms a tight dimer with the C subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high

## Target Details

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specificity and affinity. Subunits B and C each contain a histone-like motif. Observation of the histone nature of these subunits is supported by two types of evidence, protein sequence alignments and experiments with mutants.

Molecular Weight: 23 kDa

Gene ID: 4801

UniProt: [P25208](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

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Application Notes: For WB starting dilution is: 1:1000

For IF starting dilution is: 1:10~50

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.45 mg/mL

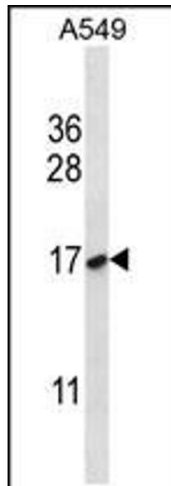
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

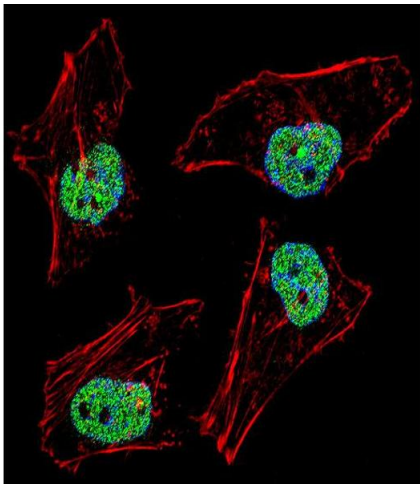
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



### Western Blotting

**Image 1.** Western blot analysis in A549 cell line lysates (35ug/lane).



### Immunofluorescence

**Image 2.** Fluorescent confocal image of HeLa cell stained with NFYB Antibody (N-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with NFYB primary antibody (1:25). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). NFYB immunoreactivity is localized to nucleus significantly.