

# **NFIC Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP16052c

## **Specification**

# **NFIC Antibody (Center) - Product Information**

Application WB, IF,E Primary Accession P08651

Other Accession <u>NP\_995315.1</u>, <u>NP\_005588.2</u>

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Human
Rabbit
Polyclonal
Rabbit IgG
180-208

## NFIC Antibody (Center) - Additional Information

#### **Gene ID 4782**

#### **Other Names**

Nuclear factor 1 C-type, NF1-C, Nuclear factor 1/C, CCAAT-box-binding transcription factor, CTF, Nuclear factor I/C, NF-I/C, NFI-C, TGGCA-binding protein, NFIC, NFI

#### Target/Specificity

This NFIC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-208 amino acids from the Central region of human NFIC.

### **Dilution**

WB~~1:1000 IF~~1:10~50

E~~Use at an assay dependent concentration.

### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

## **Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

NFIC Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## **NFIC Antibody (Center) - Protein Information**

# **Name NFIC**





# **Synonyms NFI**

**Function** Recognizes and binds the palindromic sequence 5'- TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.

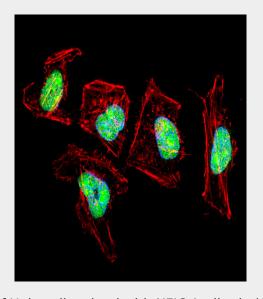
**Cellular Location** Nucleus.

### NFIC Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

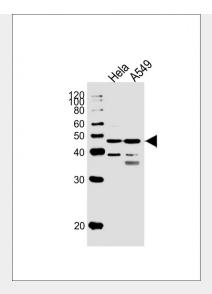
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## NFIC Antibody (Center) - Images



Fluorescent confocal image of Hela cell stained with NFIC Antibody (Center)(Cat#AP16052c). Hela cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with NFIC primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10  $\mu$ g/ml, 10 min). NFIC immunoreactivity is localized to nucleus significantly.





All lanes : Anti-NFIC Antibody (Center) at 1:1000 dilution Lane 1: Hela whole cell lysates Lane 2: A549 whole cell lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 56 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

# NFIC Antibody (Center) - Background

NFIC recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.

# **NFIC Antibody (Center) - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Nilsson, J., et al. Cancer Res. 70(5):2020-2029(2010) Udelhoven, M., et al. J. Mol. Endocrinol. 44(2):99-113(2010) Plasari, G., et al. Mol. Cell. Biol. 29(22):6006-6017(2009) Riffel, A.K., et al. Mol. Pharmacol. 76(5):1104-1114(2009)