

**NFIC Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16052c**

**Specification**

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

Application	IF, WB,E
Primary Accession	<a href="#">P08651</a>
Other Accession	<a href="#">NP_995315.1</a> , <a href="#">NP_005588.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55675
Antigen Region	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**

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

**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

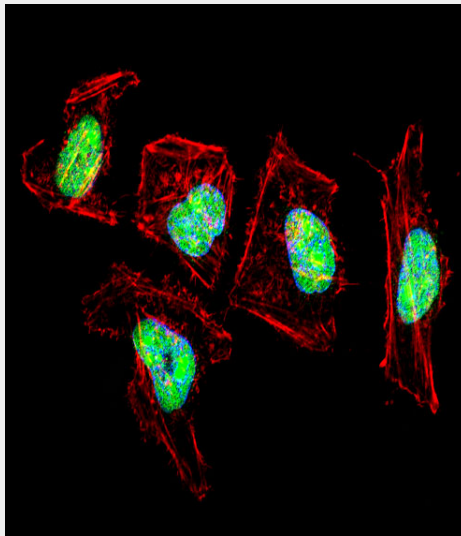
Nucleus.

## NFIC Antibody (Center) - Protocols

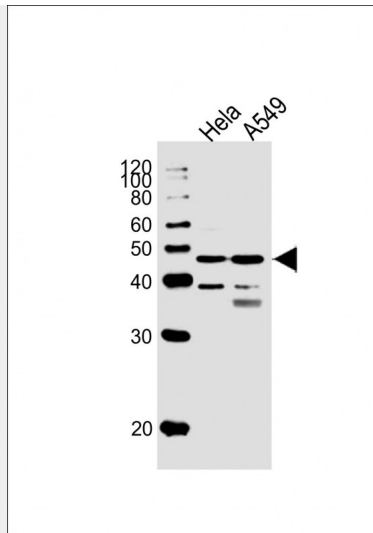
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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 µg/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 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 56 kDa Blocking/Dilution buffer: 5% NFDN/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)