

Rabbit anti-Human NFIC Polyclonal Antibody | anti-NFIC antibody

NFIC Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285097	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

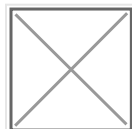
PRODUCT SYNONYMS

NFIC; Polyclonal Antibody; NFIC Antibody (Center); Nuclear factor 1 C-type; NF1-C; Nuclear factor 1/C; CCAAT-box-binding transcription factor; CTF; Nuclear factor I/C; NF-I/C; NF1-C; TGGCA-binding protein; NF1; anti-NFIC antibody

PRODUCT SPECIFICATIONS

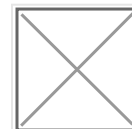
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NFIC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-208 amino acids from the Central region of human NFIC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	180-208
Sequence Length	439
Applicable Applications for anti-NFIC antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Fluorescent confocal image of HeLa cell stained with NFIC Antibody (Center). 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 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). NFIC immunoreactivity is localized to nucleus significantly.



WB (Western Blot)

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 ug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-NFIC antibody	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.
Product Categories/Family for anti-NFIC antibody	Crown Antibodies
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	350529396
NCBI GeneID	4782
NCBI Accession #	NP_001231931.1; NP_001231933.1; NP_001231934.1; NP_005588.2; NP_995315.1
NCBI GenBank Nucleotide #	NM_001245002.1
UniProt Accession #	P08651; P08652; Q14932; Q9UPJ3; Q9UPJ9; Q9UPK0; Q9UPK1; A8K1H0; B7Z4U5; B7Z9C3; K7EMU1
Molecular Weight	55675
NCBI Official Full Name	nuclear factor 1 C-type isoform 1
NCBI Official Synonym Full Names	nuclear factor I/C (CCAAT-binding transcription factor)
NCBI Official Symbol	NFIC
NCBI Official Synonym Symbols	CTF; NFI; CTF5; NF-I
NCBI Protein Information	nuclear factor 1 C-type
UniProt Protein Name	Nuclear factor 1 C-type
UniProt Gene Name	NFIC
UniProt Synonym Gene Names	NFI; NF1-C; Nuclear factor 1/C; CTF; NF-I/C; NFI-C
UniProt Entry Name	NFIC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfic-antibody-immunofluorescence-western-blot-elisa/285097>