

Rabbit NFIA Polyclonal Antibody | anti-NFIA antibody

NFIA Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284865	Rabbit	Human (Predicted Reactivity: Chicken, Mouse, Rat)	Immunofluorescence, ELISA, Western Blot

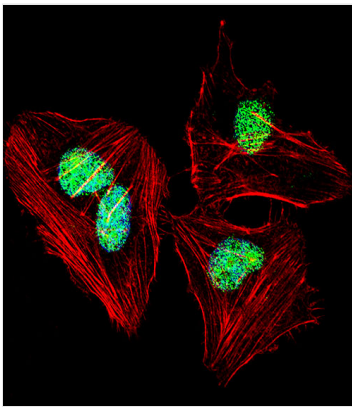
PRODUCT SYNONYMS

NFIA; Polyclonal Antibody; NFIA Antibody (C-term); Nuclear factor 1 A-type; NF1-A; Nuclear factor 1/A; CCAAT-box-binding transcription factor; CTF; Nuclear factor I/A; NF-I/A; NFI-A; TGGCA-binding protein; KIAA1439; anti-NFIA antibody

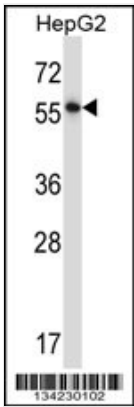
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NFIA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 470-498 amino acids from the C-terminal region of human NFIA.
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: 0.45 (varies by lot)
Sequence Positions	470-498
Sequence Length	554
Applicable Applications for anti-NFIA antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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 NFIA Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with NFIA 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). NFIA immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)
NFIA Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the NFIA antibody detected the NFIA protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NFIA antibody	Nuclear factor I (NFI) proteins constitute a family of dimeric DNA-binding proteins with similar, and possibly identical, DNA-binding specificity. They function as cellular transcription factors and as replication factors for adenovirus DNA replication. Diversity in this protein family is generated by multiple genes, differential splicing, and heterodimerization.
Product Categories/Family for anti-NFIA antibody	Neuroscience
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Starnes, L.M., et al. Blood 114(9):1753-1763(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	197927284
NCBI GeneID	4774
NCBI Accession #	NP_001128145.1; NP_001138983.1; NP_001138984.1; NP_005586.1
NCBI GenBank Nucleotide #	NM_001134673.3
UniProt Accession #	Q12857; Q8TA97; Q9H3X9; Q9P2A9; B4DRJ3; B4DS53; F5H0R0; F8W8W3
Molecular Weight	55944
NCBI Official Full Name	nuclear factor 1 A-type isoform 1
NCBI Official Synonym Full Names	nuclear factor I/A
NCBI Official Symbol	NFIA
NCBI Official Synonym Symbols	CTF; NF1-A; NFI-A; NFI-L; NF-I/A
NCBI Protein Information	nuclear factor 1 A-type

UniProt Protein Name	Nuclear factor 1 A-type
UniProt Gene Name	NFIA
UniProt Synonym Gene Names	KIAA1439; NF1-A; Nuclear factor 1/A; CTF; NF-I/A; NFI-A
UniProt Entry Name	NFIA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfia-antibody-immunofluorescence-western-blot-elisa/284865>