

Rabbit Nuclear Factor 1 Polyclonal Antibody | anti-NFIA antibody

Nuclear Factor 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323952	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

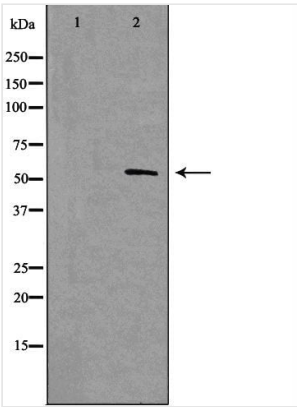
PRODUCT SYNONYMS

Nuclear Factor 1; Polyclonal Antibody; Nuclear Factor 1 Antibody; 1110047K16Rik; 9430022M17Rik; CCAAT Box Binding Transcription Factor; CCAAT-box-binding transcription factor; CTF; FLJ39164; NF I/A; NF-I/A; NF1-A; NFI A; NFI L; NFI-A; NFIA; NFIA_HUMAN; Nuclear factor 1 A type; Nuclear factor 1 A-type; Nuclear factor 1/A; Nuclear factor I/A; TGGCA binding protein; TGGCA-binding protein; HMGIC/NFIB; NF-I/B; NF1-B; NF1B; NF1B2; NFI-B; NFI-RED; Nfib; NFIB_HUMAN; NFIB2; NFIB3; Nuclear factor 1 B-type; Nuclear factor 1/B; Nuclear Factor 1B; Nuclear Factor I B; Nuclear factor I/B; TGGCA Binding Protein; TRANSCRIPTION FACTOR NFIB; 1110019L22Rik; 1500041O16Rik; AA589446; AI746521; CAAT box transcription factor; CCAAT binding transcription factor; CCAAT box binding transcription factor; CNFI C; CTF5; MGC137374; MGC20153; NF I; NF I/C; NF-I/C; NF1 C; NF1-C; NF1C; NFI; NFI-C; NFI/C; NFIC; NFIC_HUMAN; Nuclear factor 1; Nuclear factor 1 C type; Nuclear factor 1 C-type; Nuclear factor 1/C; Nuclear factor I/C (CCAAT binding transcription factor); Nuclear factor I/C; Transcription factor NFIC; NF-I/X; NF1-X; NF1A; NF1X; NFI X; NFI-X; NFI/X; NFIX; NFIX_HUMAN; Nuclear factor 1 X type; Nuclear factor 1 X-type; Nuclear factor 1/X; Nuclear factor I/X; anti-NFIA antibody

PRODUCT SPECIFICATIONS

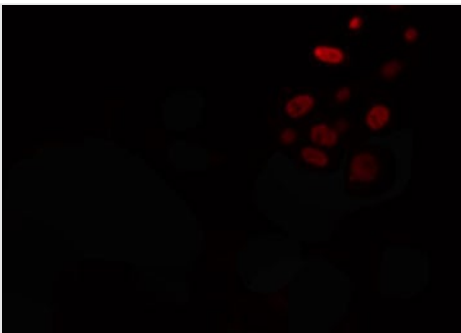
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Nuclear Factor 1 antibody detects endogenous levels of total Nuclear Factor 1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	509
Applicable Applications for anti-NFIA antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Zebrafish, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



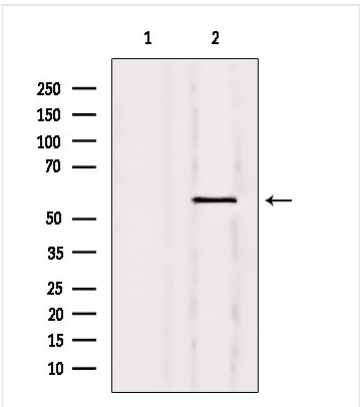
WB (Western Blot)

Western blot analysis of extracts from rat brain cells using Nuclear Factor 1 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA323952 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293, using Nuclear Factor 1 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NFIA antibody	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. Subunit Structure: Binds DNA as a homodimer. Similarity: Belongs to the CTF/NF-I family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197927284
NCBI GeneID	4774
NCBI Accession #	NP_001128145.1
NCBI GenBank Nucleotide #	NM_001134673.3
UniProt Accession #	Q12857; Q8TA97; Q9H3X9; Q9P2A9; B4DRJ3; B4DS53; F5H0R0; F8W8W3
Molecular Weight	Observed: 55 kD Predicted: 56 kDa
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; BRMUTD; 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

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/nuclear-factor-1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323952>