



Rabbit Anti-NFIA antibody

SL11898R

Product Name:	NFIA
Chinese Name:	核因子1A抗体
Alias:	CCAAT binding transcription factor; CCAAT Box Binding Transcription Factor; CCAAT-box-binding transcription factor; CTF; FLJ39164; NF I/A; NF-I/A; NF1 A; NF1-A; NF1A; NFI A; NFI L; NFI-A; NFIA; NFIA_HUMAN; Nuclear Factor 1 A; Nuclear factor 1 A type; Nuclear factor 1 A-type; Nuclear factor 1/A; Nuclear Factor 1A; Nuclear Factor I A; Nuclear factor I/A; nuclear factor I/X (CCAAT-binding transcription factor); ynuclear factor I/X (CCAAT-binding transcription factor); Nuclear factor I/X; Nuclear Factor IA; TGGCA binding protein; TGGCA-binding protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	56kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NFIA/NF-1:41-140/509
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the NF1 (nuclear factor 1) family of transcription

factors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

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:

Binds DNA as a homodimer.

Subcellular Location:

Nucleus.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Belongs to the CTF/NF-I family.
Contains 1 CTF/NF-I DNA-binding domain.

SWISS:

Q12857

Gene ID:

4774

Database links:

[Entrez Gene: 4774](#) Human

[Entrez Gene: 18027](#) Mouse

[Entrez Gene: 25492](#) Rat

[Omim: 600727](#) Human

[SwissProt: Q12857](#) Human

[SwissProt: Q02780](#) Mouse

[SwissProt: P09414](#) Rat

[Unigene: 710546](#) Human

[Unigene: 740757](#) Human

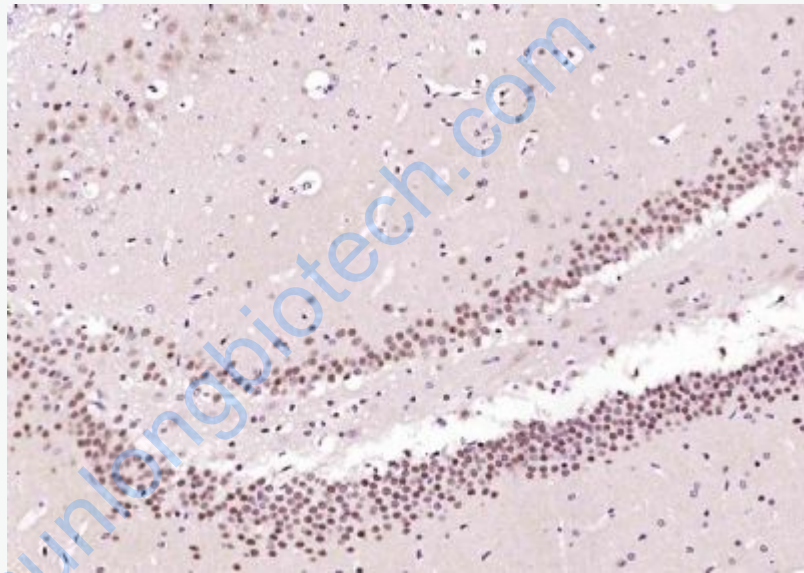
[Unigene: 31274](#) Mouse

[Unigene: 409646](#) Mouse

[Unigene: 10550](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NFIA) Polyclonal Antibody, Unconjugated (SL11898R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.