



Rabbit Anti-NFIB antibody

SL11899R

Product Name:	NFIB
Chinese Name:	核因子1B抗体
Alias:	CCAAT Box Binding Transcription Factor; CCAAT-box-binding transcription factor; CTF; NF-1/B; NF1-B; NF1B; NF1B2; NFI-B; NFI-RED; NFIB; NFIB_HUMAN; NFIB3; Nuclear factor 1 B-type; Nuclear factor 1/B; Nuclear Factor 1B; Nuclear Factor I B; nuclear factor I/B; TGGCA Binding Protein; TGGCA-binding protein; NFIB2; NFIB3; HMGIC/NFIB.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Rabbit,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:	47kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NFIB/NF1B2:1-100/420
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:	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.

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.

Similarity:

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

SWISS:

O00712

Gene ID:

4781

Database links:

[Entrez Gene: 4781](#) Human

[Entrez Gene: 18028](#) Mouse

[Entrez Gene: 29227](#) Rat

[Entrez Gene: 396209](#) Chicken

[Omim: 600728](#) Human

[SwissProt: P17924](#) Chicken

[SwissProt: P13622](#) Hamster

[SwissProt: O00712](#) Human

[SwissProt: P97863](#) Mouse

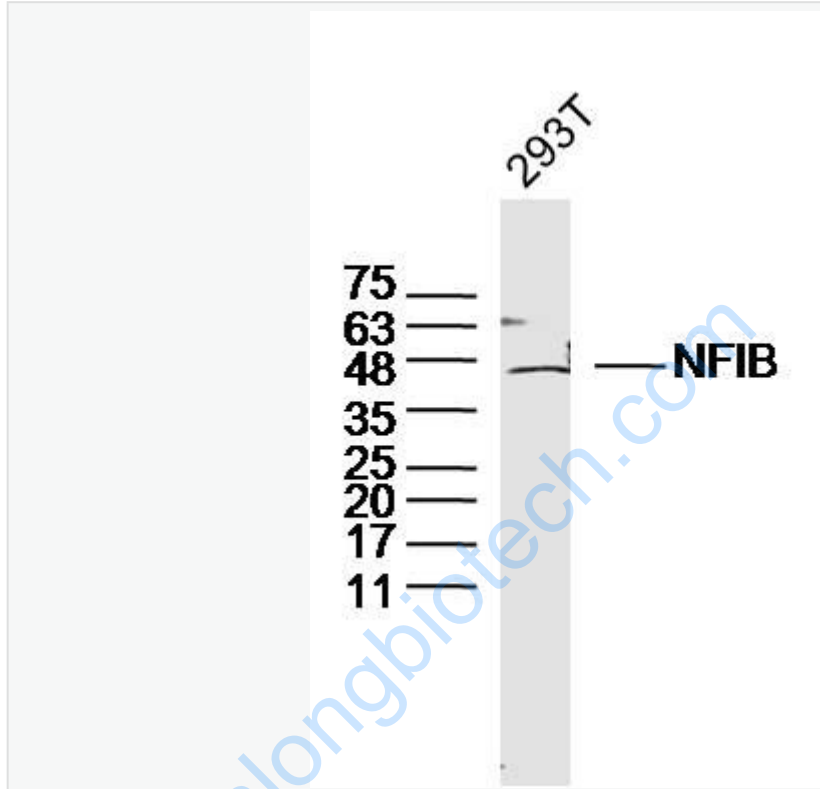
[Unigene: 644095](#) Human

[Unigene: 317947](#) Mouse

Important Note:

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

Picture:



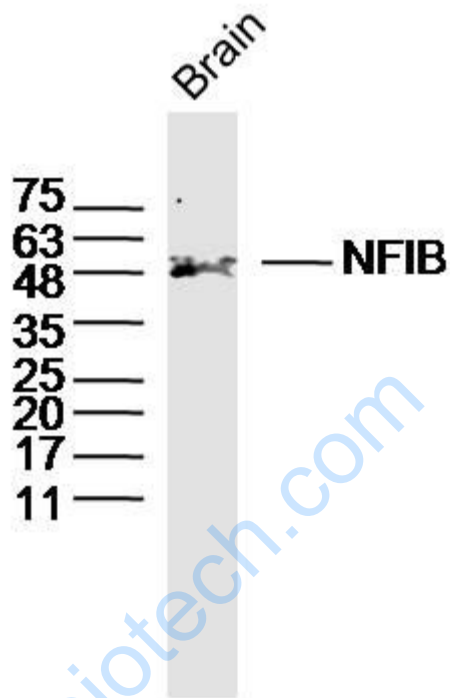
Sample: 293T Cell (Human) Lysate at 40 ug

Primary: Anti-NFIB (SL11899R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kD

Observed band size: 47 kD



Sample: Brain (Mouse) Lysate at 40 ug

Primary: Anti-NFIB (SL11899R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kD

Observed band size: 48 kD