

NFIB Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17409c**Specification**

NFIB Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O00712
Other Accession	P97863 , P17924 , Q0VCL6 , NP_005587.2
Reactivity	Human
Predicted	Bovine, Chicken, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	47442
Antigen Region	255-283

NFIB Antibody (Center) - Additional Information**Gene ID** 4781**Other Names**

Nuclear factor 1 B-type, NF1-B, Nuclear factor 1/B, CCAAT-box-binding transcription factor, CTF, Nuclear factor I/B, NF-I/B, NFI-B, TGGCA-binding protein, NFIB

Target/Specificity

This NFIB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 255-283 amino acids from the Central region of human NFIB.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NFIB Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NFIB Antibody (Center) - Protein Information**Name** NFIB

Function Transcriptional activator of GFAP, essential for proper brain development (PubMed:[30388402](#)). 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.

Cellular Location

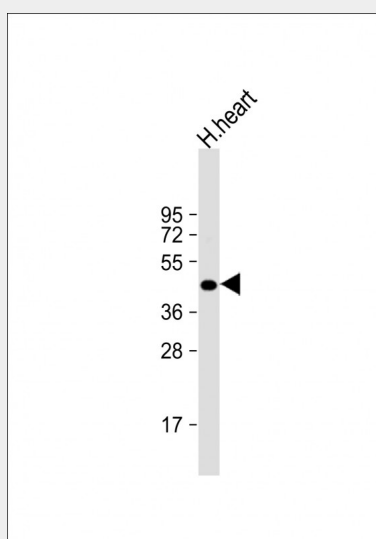
Nucleus.

NFIB Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NFIB Antibody (Center) - Images



Anti-NFIB Antibody (Center) at 1:2000 dilution + human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

NFIB Antibody (Center) - Background

NFIB 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.

NFIB Antibody (Center) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Persson, M., et al. Proc. Natl. Acad. Sci. U.S.A. 106(44):18740-18744(2009)

Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

Pierron, A., et al. Cancer Genet. Cytogenet. 195(1):66-70(2009)

Le Clerc, S., et al. J. Infect. Dis. 200(8):1194-1201(2009)

NFIB Antibody (Center) - Citations

- [MicroRNA 373 Facilitates the Replication of Porcine Reproductive and Respiratory Syndrome Virus by Its Negative Regulation of Type I Interferon Induction.](#)