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NFIB Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17409c

Product Information

Application	WB, E
Primary Accession	O00712
Other Accession	P97863, P17924, Q0VCL6, NP_005587.2
Reactivity	Human, Mouse
Predicted	Bovine, Chicken, Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36790
Calculated MW	47442
Antigen Region	255-283

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~~1:1000 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.

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.

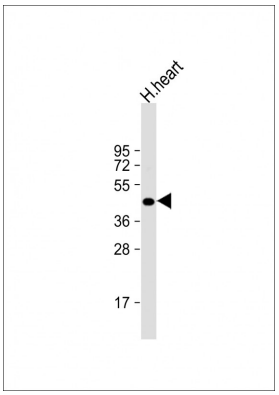
Background

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.

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)

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.

Citations

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.