

Rabbit NFIB/NF1B2 Polyclonal Antibody | anti-NFIB/NF1B2 antibody

Anti-NFIB/NF1B2 Picoband antibody

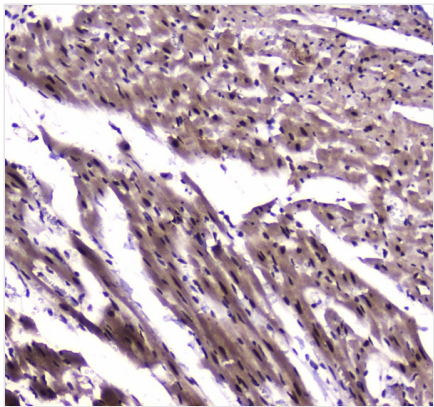
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA124653	Rabbit	Human, Mouse, Rat No cross reactivity with other proteins.	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

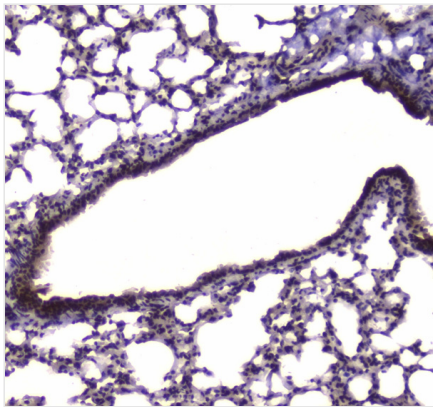
NFIB/NF1B2; Polyclonal Antibody; Anti-NFIB/NF1B2 Picoband antibody; Nuclear factor 1 B-type; NF1-B; Nuclear factor 1/B; CCAAT-box-binding transcription factor; CTF; Nuclear factor I/B; NF-I/B; NFI-B; TGGCA-binding protein; NFIB; anti-NFIB/NF1B2 antibody

PRODUCT SPECIFICATIONS

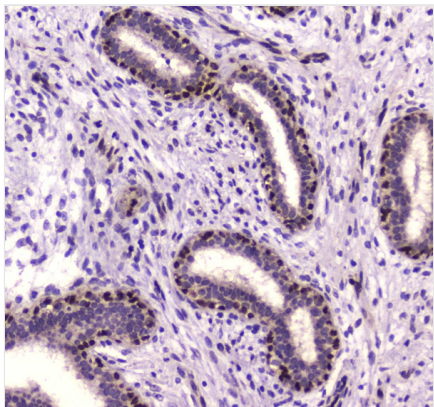
Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Form/Format	Lyophilized
Sequence Length	309
Applicable Applications for anti-NFIB/NF1B2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to a sequence of human NFIB/NF1B2 (ELVRVSRTPITQGTGVNFPIGEIPSPYYHDMNSGVNLQR).
Subcellular Localization	Nucleus.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



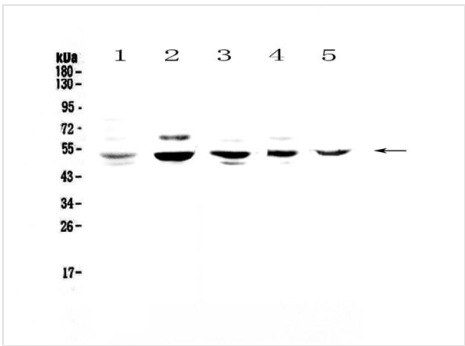
IHC (Immunohistochemistry)
Figure 4. IHC analysis of NFIB/NF1B2 using anti-NFIB/NF1B2 antibody (AAA124653).NFIB/NF1B2 was detected in paraffin-embedded section of rat cardiac muscle tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-NFIB/NF1B2 Antibody (AAA124653) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)
Figure 3. IHC analysis of NFIB/NF1B2 using anti-NFIB/NF1B2 antibody (AAA124653).NFIB/NF1B2 was detected in paraffin-embedded section of mouse lung tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-NFIB/NF1B2 Antibody (AAA124653) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)
Figure 2. IHC analysis of NFIB/NF1B2 using anti-NFIB/NF1B2 antibody (AAA124653).NFIB/NF1B2 was detected in paraffin-embedded section of human mammary cancer tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-NFIB/NF1B2 Antibody (AAA124653) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



WB (Western Blot)
Figure 1. Western blot analysis of NFIB/NF1B2 using anti-NFIB/NF1B2 antibody (AAA124653).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.Lane 1: human Hela whole cell lysates,Lane 2: rat PC-12 whole cell lysates,Lane 3: mouse lung tissue lysates,Lane 4: mouse ovary tissue lysates,Lane 5: mouse HEPA1-6 whole cell lysates.After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-NFIB/NF1B2 antigen affinity purified polyclonal antibody at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for NFIB/NF1B2 at approximately 50KD. The expected band size for NFIB/NF1B2 is at 47KD.

ADDITIONAL INFORMATION

Related Product Information for anti-NFIB/NF1B2 antibody	Recognizes and binds the palindromic sequence 5'- TTGCNNNNNGCCAA-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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	299758476
NCBI GeneID	4781

NCBI Accession #	NP_001177666.1
NCBI GenBank Nucleotide #	NM_001190737.1
UniProt Accession #	O00712; O00166; Q12858; Q5VW29; Q63HM5; Q6ZNF9; Q96J45; G3V1P1; H7BYE8
Molecular Weight	33,525 Da
NCBI Official Full Name	nuclear factor 1 B-type isoform 1
NCBI Official Synonym Full Names	nuclear factor I B
NCBI Official Symbol	NFIB
NCBI Official Synonym Symbols	CTF; NF1-B; NFI-B; NFIB2; NFIB3; NF-I/B; NFI-RED; HMGIC/NFIB
NCBI Protein Information	nuclear factor 1 B-type
UniProt Protein Name	Nuclear factor 1 B-type
UniProt Gene Name	NFIB
UniProt Synonym Gene Names	NF1-B; Nuclear factor 1/B; CTF; NF-I/B; NFI-B

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/nfib-nf1b2-antibody-western-blot-immunohistochemistry-elisa/124653>