

Datasheet for ABIN5708262

anti-NFIB antibody

3 Images

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Overview

Quantity:	100 µg
Target:	NFIB
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFIB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids ELVRVSRTPITQGTGVNFPIGEIPSQPYHDMNSGVNLQR were used as the immunogen for the NFIB antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	NFIB
Alternative Name:	NFIB / Nuclear factor 1 B-type (NFIB Products)
Background:	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. [UniProt]
UniProt:	O00712

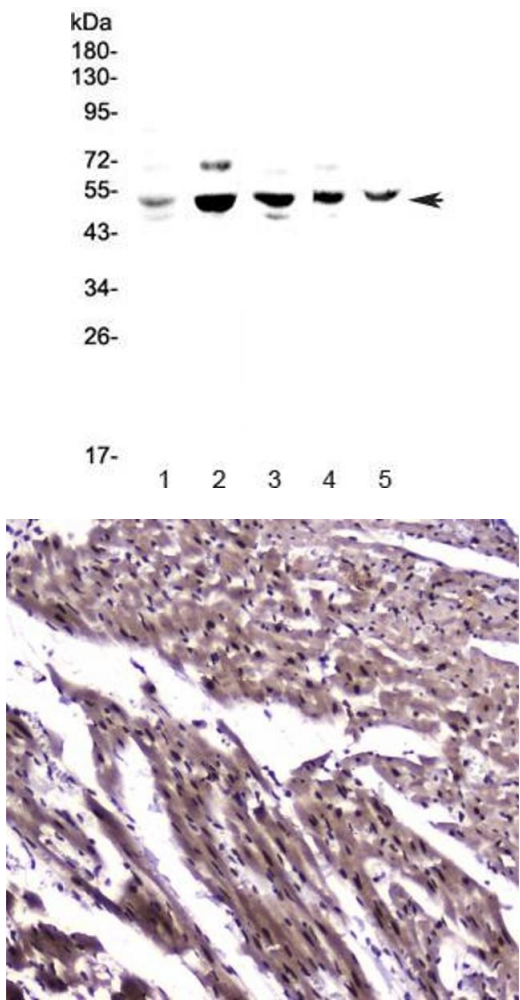
Application Details

Application Notes:	Optimal dilution of the NFIB antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL, IHC (FFPE): 1-2 µg/mL
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the NFIB antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images

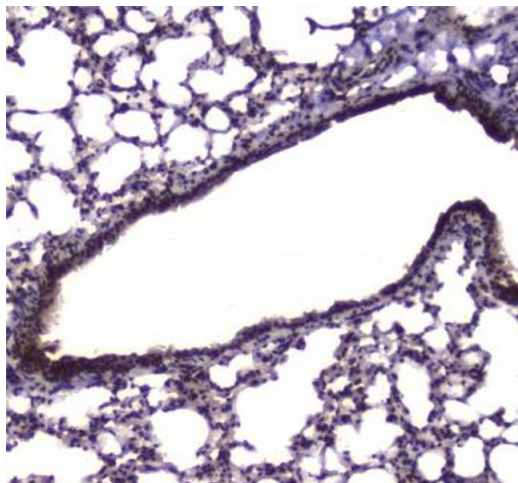


Western Blotting

Image 1. Western blot testing of 1) human HeLa, 2) rat PC-12, 3) mouse lung, 4) mouse ovary and 5) mouse HEPA1-6 lysate with NFIB antibody at 0.5 µg/mL. Predicted molecular weight ~47 kDa.

Immunohistochemistry

Image 2. IHC testing of FFPE rat heart tissue with NFIB antibody at 1 µg/mL. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunohistochemistry

Image 3. IHC testing of FFPE mouse lung tissue with NFIB antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.