ARG59017
anti-NFIB / NF1B2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NFIB / NF1B2
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NFIB / NF1B2
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence of Human NFIB / NF1B2 (ELVRVSRTPITQGTGVNFPIGEIPSQPYYHDMNSGVNLQR).
Conjugation	Un-conjugated
Alternate Names	NFI-RED; Nuclear factor 1/B; HMGIC/NFIB; TGGCA-binding protein; Nuclear factor 1 B-type; NF-I/B; NF1-B; CTF; CCAAT-box-binding transcription factor; NFI-B; NFIB2; NFIB3; Nuclear factor I/B

Application Instructions

Application table

Application	Dilution
IHC-P	0.5 - 1 µg/ml
WB	0.1 - 0.5 µg/ml

Application Note: IHC-P: Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

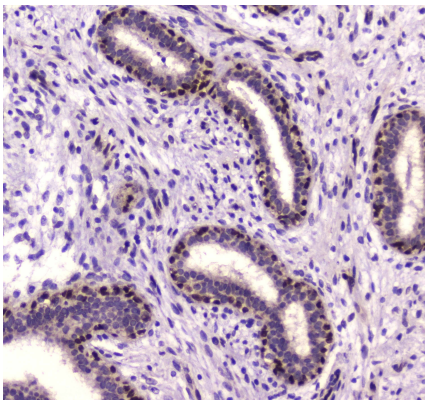
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na2HPO4, 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

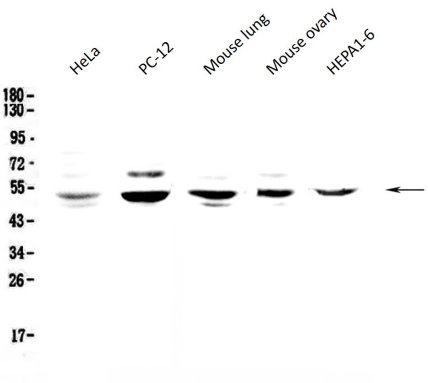
Gene Symbol	NFIB
Gene Full Name	nuclear factor I/B
Function	Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication. [UniProt]
Calculated Mw	47 kDa
Cellular Localization	Nucleus. [UniProt]

Images



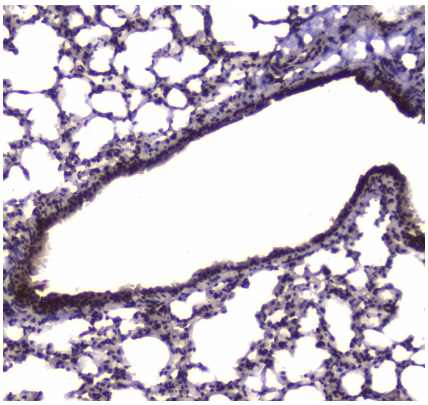
ARG59017 anti-NFIB / NF1B2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59017 anti-NFIB / NF1B2 antibody at 1 µg/ml dilution, overnight at 4°C.



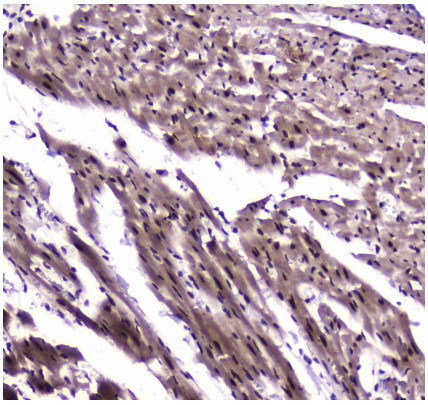
ARG59017 anti-NFIB / NF1B2 antibody WB image

Western blot: 50 µg of samples under reducing conditions. HeLa, PC-12, Mouse lung, Mouse ovary and HEPA1-6 lysates stained with ARG59017 anti-NFIB / NF1B2 antibody at 0.5 µg/ml, overnight at 4°C.



ARG59017 anti-NFIB / NF1B2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse lung tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59017 anti-NFIB / NF1B2 antibody at 1 µg/ml dilution, overnight at 4°C.



ARG59017 anti-NFIB / NF1B2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat cardiac muscle tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59017 anti-NFIB / NF1B2 antibody at 1 µg/ml dilution, overnight at 4°C.