

Anti-NFIB Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Chicken, Pig, Cow, Rabbit, Sheep)
Molecular Weight:	Theoretical: 47 kDa. Actual: 47 kDa.
Purification:	Protein A purified

Applications

1. Blank control: A431.

Primary Antibody (green line): Rabbit Anti-NFIB antibody (TMAB-09431)

Dilution: 1 µg / 10⁶ cells;

Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody: Goat anti-rabbit IgG-AF488

Dilution: 1 µg / test.

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

2. Sample:

Lane 1: Hela (Human) Cell Lysate at 30 µg

Lane 2: A431 (Human) Cell Lysate at 30 µg

Lane 3: Lung (Mouse) Lysate at 40 µg

Lane 4: Ovary (Mouse) Lysate at 40 µg

Lane 5: Kidney (Mouse) Lysate at 40 µg

Primary: Anti-NFIB (TMAB-09431) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kD

Observed band size: 47 kD

3. Sample: 293T Cell (Human) Lysate at 40 µg

Primary: Anti-NFIB (TMAB-09431) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kD

Observed band size: 47 kD

4. Sample: Brain (Mouse) Lysate at 40 µg

Primary: Anti-NFIB (TMAB-09431) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kD

Observed band size: 48 kD

Verified Activity:

A DRUG SCREENING EXPERT

Application: WB,FCM
Recommended WB: 1:500-2000; FCM: 1µg/Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human NFIB/NF1B2
Antigen Species: Human
Gene ID: 4781
Uniprot ID: O00712

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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