bs-11899R **[Primary Antibody]**

NFIB Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 4781 **SWISS:** O00712

Target: NFIB

Immunogen: KLH conjugated synthetic peptide derived from human NFIB/NF1B2: 1-100/420.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

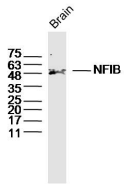
Applications: **WB** (1:500-2000)
Flow-Cyt (1ug/Test)

Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Chicken)

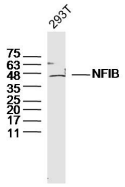
Predicted MW.: 47 kDa

Subcellular Location: Nucleus

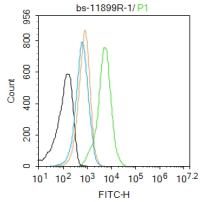
VALIDATION IMAGES



Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti-NFIB (bs-11899R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kD Observed band size: 48 kD



Sample:293T Cell (Human) Lysate at 40 ug Primary: Anti-NFIB (bs-11899R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kD Observed band size: 47 kD



Blank control: A431. Primary Antibody (green line): Rabbit Anti-NFIB antibody (bs-11899R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF488 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min 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.

SELECTED CITATIONS

- **[IF=4.36]** Hanyue Ying. et al. CircATL2 enhances paclitaxel resistance of ovarian cancer via impacting miR-506-3p/NFIB axis. 2021 Sep 19 WB ;human. 34541682
- **[IF=4.4]** Yi Shang. et al. CircIQCH Contributes to the Progression of Breast Cancer by Elevating NFIB Through Decoying miR-139-5p. ENVIRON TOXICOL. 2024 Jun;: WB ;Human. 38884150