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## NFIB (C2) Antibody, Rabbit Polyclonal

**Cat#:** R2811-2

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 47 | 54 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** O00712

### **Background:**

Nuclear factor 1 B-type (NFIB) is a nuclear protein that belongs to the CTF/NF-I family. NFIB binds to DNA as a homodimer. NFIB recognizes and binds to 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. Multiple isoforms of NFIB have been identified.

### **Other Names:**

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, NFI-RED, NFIB2, NFIB3

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human NFIB. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

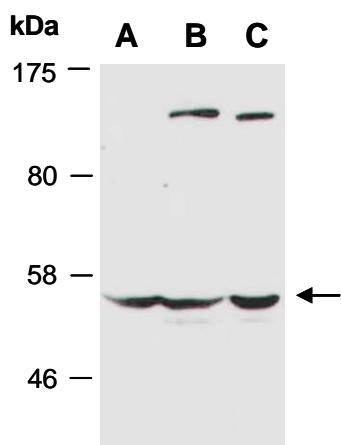
Human, Mouse

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from (A) mouse brain, (B) mouse thymus, (C) human HeLa; using anti-NFIB (C2) (R2811-2) at RT for 2 h. This Ab appears to recognize the 54 kD isoform of NFIB.