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## **ACTIN (C1) Antibody, Rabbit Polyclonal**

**Cat#: R0280-5**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 42 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P60709**

### **Background:**

Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. Beta-Actin (ACTB) encodes one of six different actin proteins, which is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Actins are ubiquitously expressed in all eukaryotic cells.

### **Other Names:**

Actin, cytoplasmic 1, Beta-actin, ACTB,  $\beta$ -Actin, PS1TP5BP1, beta cytoskeletal actin, PS1TP5-binding protein 1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human ACTB, which 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:**

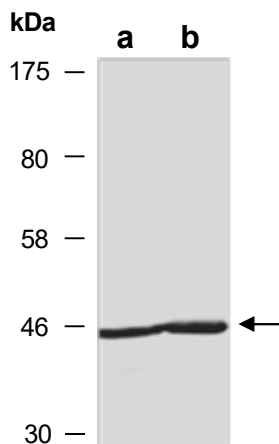
Human, Mouse

### **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) human Jurkat; using anti-Actin (C1) (R0280-5) at RT for 2 h.