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## **BRD4 (C) Antibody, Rabbit Polyclonal**

**Cat#:** R2574-2

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 152 | 200 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** O60885

### **Background:**

Bromodomain-containing protein 4 (BRD4) is a chromatin reader protein that recognizes and binds acetylated histones and plays a key role in transmission of epigenetic memory across cell divisions and transcription regulation. BRD4 remains associated with acetylated chromatin throughout the entire cell cycle and provides epigenetic memory for postmitotic G1 gene transcription by preserving acetylated chromatin status and maintaining high-order chromatin structure.

### **Other Names:**

Bromodomain-containing protein 4, Protein HUNK1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human BRD4. 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:**

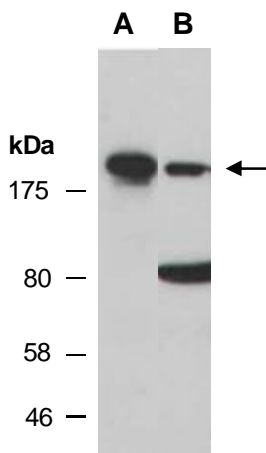
Human, Mouse

### **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 thymus, B) human Jurkat; using anti-BRD4 (C) (R2574-2) at RT for 2 h.