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## **Rabbit Polyclonal anti-HDAC1 (C) Antibody**

**Cat#:** R0017-1

**Lot#:** Refer to vial

**Quantity:** 100  $\mu$ l

**Application:** WB

**Predicted M.W.:** 55 kDa

**Uniprot ID:** Q13547

### **Background:**

Histone deacetylase 1 (HDAC1) is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events.

### **Other Names:**

RP4-811H24.2, DKFZp686H12203, GON-10, HD1, RPD3, RPD3L1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human HDAC1. Antibodies were purified by affinity purification using immunogen.

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

Supplied in 1x PBS (pH 7.4), 100  $\mu$ g/ml BSA, 40% Glycerol, 0.01%  $\text{NaN}_3$ . Store at -20  $^{\circ}$ C. Stable for 6 months from date of receipt.

### **Species Specificity:**

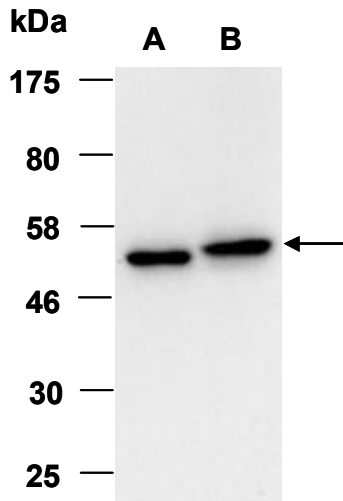
Human, Mouse

### **Tested Applications:**

WB: 1:1,000-1:5,000 (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 293T, using Ab (R0017-1) at RT for 2 h.