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## **HDAC4 (N) Antibody, Rabbit Polyclonal**

**Cat#: R0086-1**

**Quantity: 100 ul**

**Predicted M.W.: 119 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P56524**

### **Background:**

Histone deacetylase 4 (HDAC4) deacetylates lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation produces a tag for epigenetic repression and plays a role in transcriptional regulation, cell cycle progression and developmental events. HDAC4 does not bind DNA directly but through transcription factors MEF2C and MEF2D.

### **Other Names:**

AHO3, BDMR, HA6116, HD4, HDAC-A, HDACA, KIAA0288

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human HDAC4. 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:**

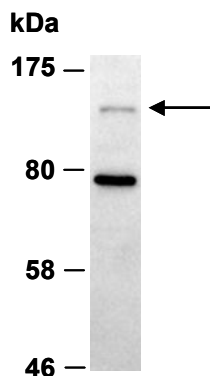
Human

### **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 human HeLa, using Ab (R0086-1) at RT for 2 h.