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## **ID4 (N) Antibody, Rabbit Polyclonal**

**Cat#: R1992-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 17 | 19 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P47928**

### **Background:**

DNA-binding protein inhibitor ID-4 is a nuclear protein that contains one bHLH (basic helix-loop-helix) domain. ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding.

### **Other Names:**

DNA-binding protein inhibitor ID-4, Class B basic helix-loop-helix protein 27, bHLHb27, Inhibitor of DNA binding 4, BHLHB27

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human ID4. 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:**

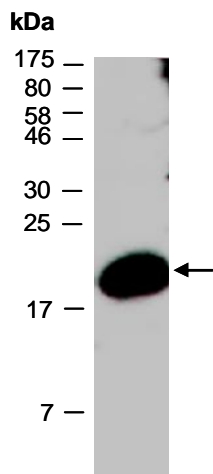
Human, Mouse

### **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 mouse thymus; using anti-ID4 (N) (R1992-1) at RT for 2 h.