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## **MYF5 (N) Antibody, Rabbit Polyclonal**

**Cat#: R1464-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 28 | 32 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P13349**

### **Background:**

Myogenic factor 5 (MYF5) is also known as Class C basic helix-loop-helix protein 2 (BHLHC2), which is a nuclear protein containing a bHLH (basic helix-loop-helix) domain. MYF5 is involved in muscle differentiation (myogenic factor), and it can induce fibroblasts to differentiate into myoblasts. MYF5 is a probable sequence specific DNA-binding protein, and efficient DNA binding of MYF5 requires dimerization with another bHLH protein.

### **Other Names:**

Myogenic factor 5, Myf-5, Class C basic helix-loop-helix protein 2, bHLHc2, BHLHC2

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human MYF5. 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:**

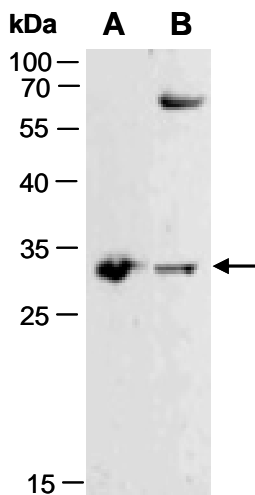
Human, Mouse

### **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 HeLa, using anti-MYF5 (N) (R1464-1) at RT for 2 h.