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## **STAT4 (N) Antibody, Rabbit Polyclonal**

**Cat#: R1190-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 86 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q14765**

### **Background:**

Signal transducer and activator of transcription 4 (STAT4) belongs to the transcription factor STAT family. STAT4 carries out a dual function: signal transduction and activation of transcription. It is involved in IL12 signaling. STAT4 variations are associated with disease susceptibility to systemic lupus erythematosus and rheumatoid arthritis.

### **Other Names:**

Signal transducer and activator of transcription 4

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human STAT4. 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:**

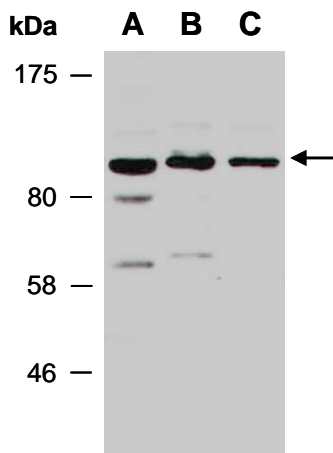
Human, Mouse

### **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, C) human Jurkat; using anti-STAT4 (N) (R1190-1) at RT for 2 h.