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## **STAT6 (C) Antibody, Rabbit Polyclonal**

**Cat#: R1195-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 94 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P42226**

### **Background:**

Signal transducer and activator of transcription 6 (STAT6) is a member of the transcription factor STAT family involved in interleukin-4 signalling. STAT6 contains one SH2 domain and carries out a dual function: signal transduction and activation of transcription. Upon stimulations such as IL-4 and IL-3, STAT6 is Tyrosine-phosphorylated, forms a homodimer or a heterodimer with a related family member and translocates into the nucleus, where it binds to DNA and activates transcription of downstream genes.

### **Other Names:**

Signal transducer and activator of transcription 6, IL-4 STAT

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human STAT6. 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:**

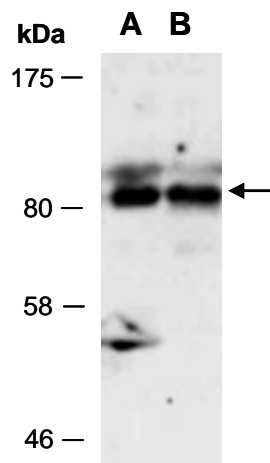
Human

### **Tested Applications:**

WB: 1:1,000-1:3,000 (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) human Jurkat, (B) human T47D; using anti-STAT6 (C) (R1195-2) at RT for 2 h.