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## **STAT5A (N) Antibody, Rabbit Polyclonal**

**Cat#: R1196-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 91 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P42229**

### **Background:**

Signal transducer and activator of transcription 5A (STAT5A) belongs to the transcription factor STAT family. STAT5A carries out a dual function: signal transduction and activation of transcription. It mediates cellular responses to the cytokine KITLG/SCF and other growth factors. STAT5A also mediates cellular responses to ERBB4. It may mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. STAT5A also binds to the GAS element and activates PRL-induced transcription. It regulates the expression of milk proteins during lactation.

### **Other Names:**

Signal transducer and activator of transcription 5A, STAT5

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human STAT5A. 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:**

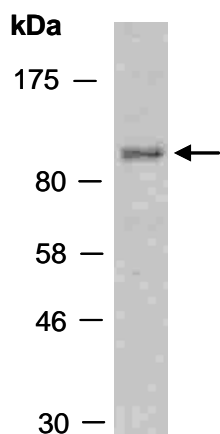
Human, Mouse

### **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 human HeLa; using anti-STAT5A (N) (R1196-1) at RT for 2 h.