

## 35-1402: Polyclonal Antibody to STAT4 (Ab-693)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	STAT4
<b>Gene ID :</b>	6775
<b>Uniprot ID :</b>	Q14765
<b>Format :</b>	Purified
<b>Alternative Name :</b>	SLEB11
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.691~695 (K-G-Y-V-P) derived from Human STAT4.

### Description

Carries out a dual function: signal transduction and activation of transcription. Involved in IL12 signaling.

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 85kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

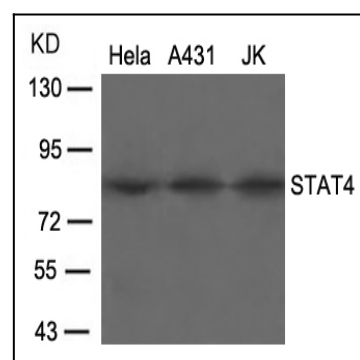


Figure 1: Western blot analysis of extracts from HeLa, A431 and JK cells using STAT4(Ab-693) Antibody 35-1402 .

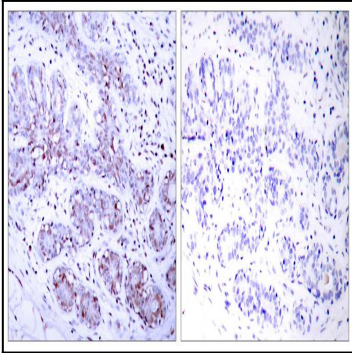


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT4(Ab-693) Antibody 35-1402 (left) or the same antibody preincubated with blocking peptide(right).