

## 35-1050: Polyclonal Antibody to STAT6 (Phospho-Thr645)

|                                |  |
|--------------------------------|--|
| <b>Clonality :</b>             | Polyclonal   |
| <b>Application :</b>           | WB,IHC   |
| <b>Reactivity :</b>            | Human  |
| <b>Gene :</b>                  | STAT6  |
| <b>Gene ID :</b>               | 6778   |
| <b>Uniprot ID :</b>            | P42226   |
| <b>Format :</b>                | Purified   |
| <b>Alternative Name :</b>      | IL-4-STAT, STAT6B, STAT6C  |
| <b>Isotype :</b>               | Rabbit IgG   |
| <b>Immunogen Information :</b> | Peptide sequence around phosphorylation site of threonine 645 (P-A-T(p)-I-K) derived from Human STAT6. |

### Description

Carries out a dual function: signal transduction and activation of transcription. Involved in interleukin-4 signalling. Nelms K, et al. (1999) Annu Rev Immunol. 17:701-738. Malabarba M G, et al. (1996) Biochem. J. 319:865-872. Hou J, et al. (1994) Science. 265:1701-1706. Quelle F W, et al. (1995) Mol Cell Biol. 15: 3336-3343. Takeda K, et al. (1996) Nature. 380: 627-630.

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 50 µl / 100 µl   |
| <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: 110kd, Immunohistochemistry: 1:50~1:100

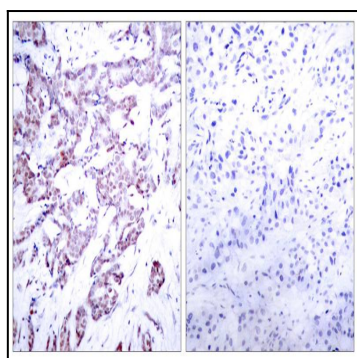


Figure 1: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT6(Phospho-Thr645) Antibody 35-1050 (left) or the same antibody preincubated with blocking peptide(right).

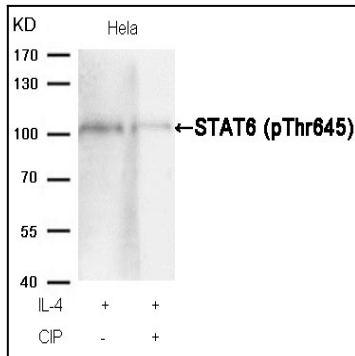


Figure 2: Western blot analysis of extracts from HeLa cells, treated with IL-4 or calf intestinal phosphatase (CIP), using STAT6 (Phospho-Thr645) Antibody 35-1050 .