



## STAT6 (Phospho-Thr645) Antibody

#14108

**Catalog Number:** 14108-1, 14108-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** P42226

**Form of Antibody:** Rabbit IgG 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.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from Human STAT6 around the phosphorylation site of Threonine 645

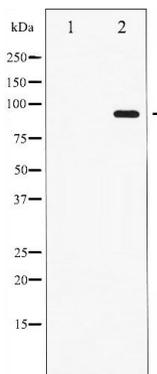
**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Specificity/Sensitivity:** STAT6 (Phospho-Thr645) Antibody detects endogenous levels of STAT6 only when phosphorylated at Threonine 645

**Reactivity:** Human, Mouse, Rat

### Applications:

Predicted MW: 94kd      WB: 1:500~1:2000      IHC: 1:50-200



Western blot analysis of STAT6 phosphorylation expression in IL-4 treated HeLa whole cell lysates. The lane on the left is treated with the antigen-specific peptide

### Background :

STAT6 transcription factor of the STAT family. Plays a central role in IL4-mediated biological responses. Induces the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4.