

## STAT6(Phospho-Thr645) Antibody

Catalog No: #11051

Package Size: #11051-1 50ul #11051-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

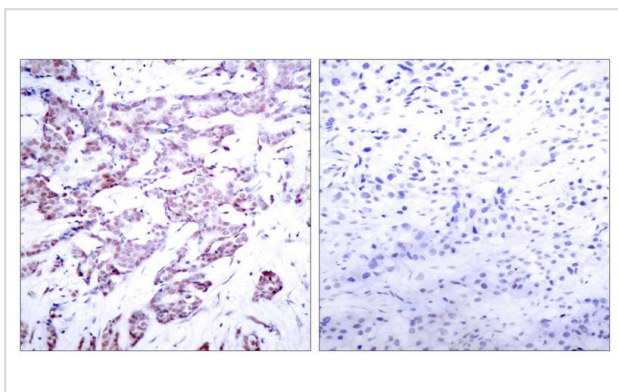
Product Name	STAT6(Phospho-Thr645) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of STAT6 only when phosphorylated at threonine 645.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 645 (P-A-T(p)-I-K) derived from Human STAT6.
Target Name	STAT6
Modification	Phospho
Other Names	IL-4-STAT; STAT6B; STAT6C
Accession No.	Swiss-Prot: P42226NCBI Protein: NP_003144.3
Uniprot	P42226
GeneID	6778;
Concentration	1.0mg/ml
Formulation	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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

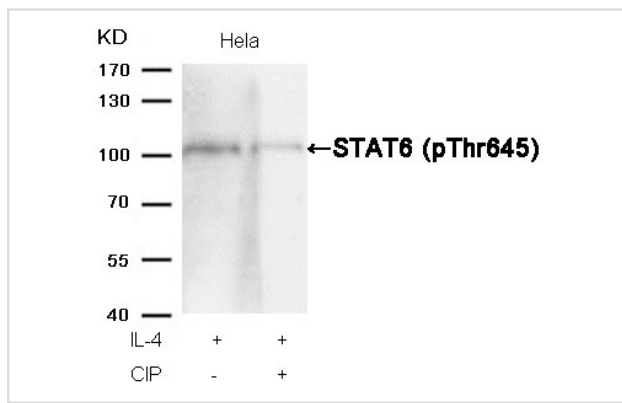
Predicted MW: 110kd

Immunohistochemistry: 1:50~1:100

## Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT6(Phospho-Thr645) Antibody #11051(left) or the same antibody preincubated with blocking peptide(right).



Western blot analysis of extracts from HeLa cells, treated with IL-4 or calf intestinal phosphatase (CIP), using STAT6 (Phospho-Thr645) Antibody #11051.

## Background

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.

Note: This product is for in vitro research use only