

# STAT6(Phospho-Tyr641) Antibody

Catalog No: #11050



Package Size: #11050-1 50ul #11050-2 100ul #11050-4 25ul

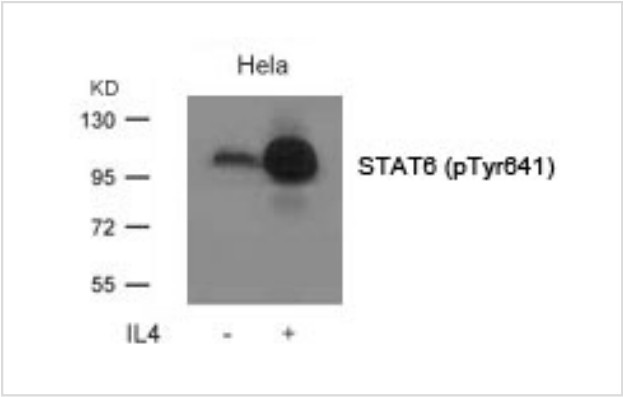
## Overview

Product Name	STAT6(Phospho-Tyr641) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	STAT6
Modification	Phospho-Tyr641
Alternative Names	IL-4 Stat

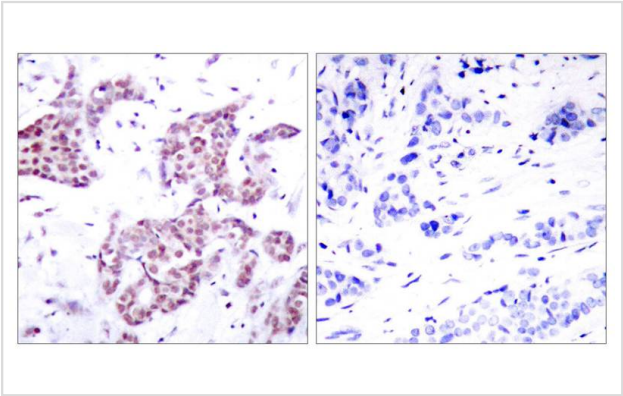
## Application Details

Predicted MW: 110kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from HeLa cells untreated or treated with IL-4 using STAT6(Phospho-Tyr641) Antibody #11050.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT6(Phospho-Tyr641) Antibody #11050(left) or the same antibody preincubated with blocking peptide(right).

## Descriptions

Immunogen	Peptide sequence around phosphorylation site of Tyrosine 641 (R-G-Y(p)-V-P) derived from Human STAT6.
Specificity	The antibody detects endogenous level of STAT6 only when phosphorylated at tyrosine 641.
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.
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.
Accession NO.	Swiss-Prot: P42226NCBI Protein: NP_003144.3

## Related Information

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 and is not intended for use in humans or animals.