

Rabbit anti-Human STAT6 Polyclonal Antibody | anti-STAT6 antibody

STAT6 (Phospho-Thr645) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304818	Rabbit	Human	Immunohistochemistry, Western Blot

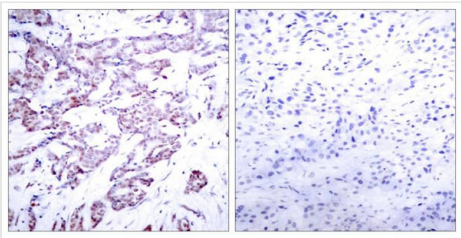
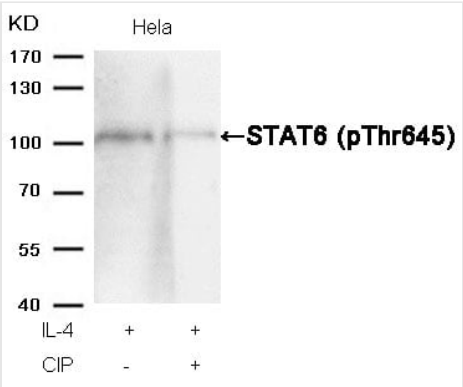
PRODUCT SYNONYMS

STAT6; Polyclonal Antibody; STAT6 (Phospho-Thr645) Antibody; IL-4-STAT; STAT6B; STAT6C; anti-STAT6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of STAT6 only when phosphorylated at threonine 645.
Purity/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
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	847
Applicable Applications for anti-STAT6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 645 (P-A-T(p)-I-K) derived from Human STAT6.
Modification	Phospho-Thr645
Target Name	STAT6
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



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

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

ADDITIONAL INFORMATION

Related Product Information for anti-STAT6 antibody	Carries out a dual function: signal transduction and activation of transcription. Involved in interleukin-4 signalling.
Product Categories/Family for anti-STAT6 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010864
NCBI GeneID	6778
NCBI Accession #	NP_001171549.1
NCBI GenBank Nucleotide #	NM_001178078.1
UniProt Accession #	P42226; Q5FBW5; Q71UP4; A8K316; B7ZA27; F5GXI9
Molecular Weight	81,748 Da
NCBI Official Full Name	signal transducer and activator of transcription 6 isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 6, interleukin-4 induced
NCBI Official Symbol	STAT6
NCBI Official Synonym Symbols	STAT6B; STAT6C; D12S1644; IL-4-STAT
NCBI Protein Information	signal transducer and activator of transcription 6
UniProt Protein Name	Signal transducer and activator of transcription 6
UniProt Gene Name	STAT6
UniProt Entry Name	STAT6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.