

Rabbit STAT6 Polyclonal Antibody | anti-STAT6 antibody

STAT6 antibody

CATALOG # AAA224890	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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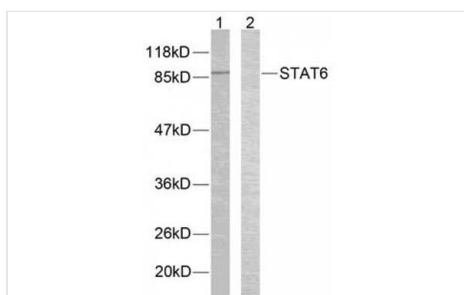
PRODUCT SYNONYMS

STAT6; Polyclonal Antibody; STAT6 antibody; Rabbit polyclonal STAT6 antibody; Polyclonal STAT6 antibody; Anti-STAT6 antibody; D12S1644 antibody; IL-4-STAT antibody; STAT 6 antibody; STAT-6; STAT6B antibody; STAT-6 antibody; STAT 6; STAT6C antibody; Ab 645 antibody; Signal transducer and activator of transcription 6 antibody; anti-STAT6 antibody

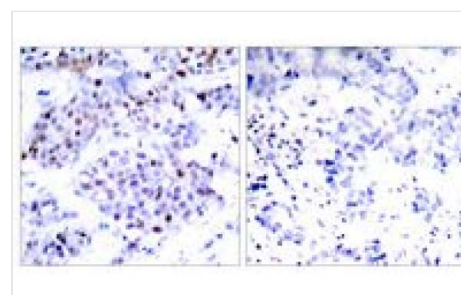
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	737
Applicable Applications for anti-STAT6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	STAT6 antibody was raised in Rabbit using the peptide sequence around aa 643~647 (P-A-T-I-K) derived from Human STAT6 as the immunogen.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of extracts from Hela cells using STAT6 antibody and the same antibody preincubated with blocking peptide.


IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-STAT6 antibody	The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo-or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein plays a central role in exerting IL4 mediated biological responses. It is found to induce the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4. Knockout studies in mice suggested the roles of this gene in differentiation of T helper 2 (Th2) cells, expression of cell surface markers, and class switch of immunoglobulins.
Product Categories/Family for anti-STAT6 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010870
NCBI GeneID	6778
NCBI Accession #	NP_001171552.1
NCBI GenBank Nucleotide #	NM_001178081.1
Molecular Weight	81,748 Da
NCBI Official Full Name	signal transducer and activator of transcription 6 isoform 2
NCBI Official Synonym Full Names	signal transducer and activator of transcription 6
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stat6-antibody-western-blot-immunohistochemistry-elisa/224890>