

Rabbit STAT6 Polyclonal Antibody | anti-STAT6 antibody

STAT6 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23382	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

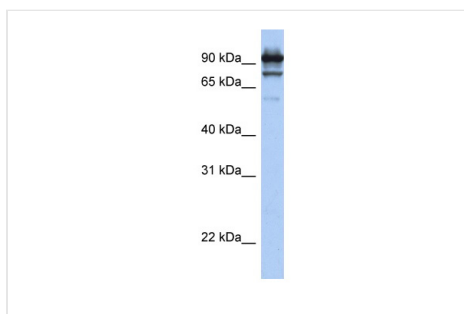
PRODUCT SYNONYMS

STAT6; Polyclonal Antibody; STAT6 antibody - C-terminal region; anti-STAT6 antibody

PRODUCT SPECIFICATIONS

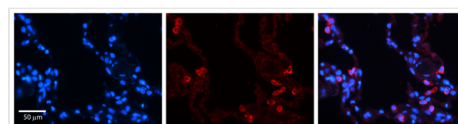
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NL YPKKPKDEAF RSHYKPEQMG KDGRGYVPAT IKMTVERDQP LPTPELQM
Sequence Length	847
Applicable Applications for anti-STAT6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human STAT6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



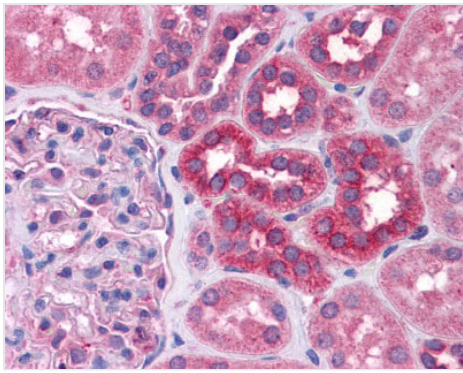
WB (Western Blot)

WB Suggested Anti-STAT6 Antibody Titration: 1 ug/ml
Positive Control: Hela cell lysate
STAT6 is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells

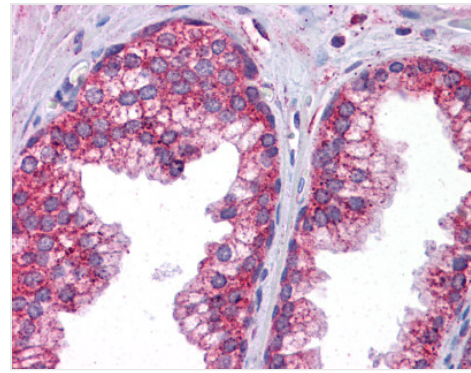


IHC (Immunohistochemistry)

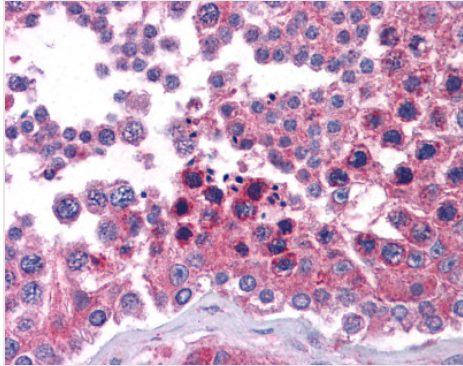
STAT6 antibody - C-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Lung
Tissue Observed Staining: Cytoplasm of pneumocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



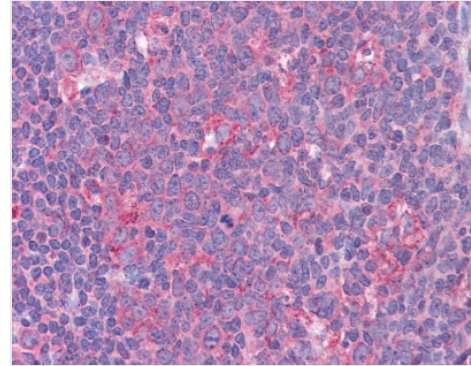
IHC (Immunohistochemistry)
Human Tonsil



IHC (Immunohistochemistry)
Human Testis



IHC (Immunohistochemistry)
Human Prostate



IHC (Immunohistochemistry)
Human Kidney

ADDITIONAL INFORMATION

Related Product Information for anti-STAT6 antibody	This is a rabbit polyclonal antibody against STAT6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Full-length human STAR6 (NP_003144) was expressed in E.coli as inclusion body and purified after protein refolding for mouse immunization. Clone 5B1 shows excellent western blot detection of endogenous STAT6 using ACHN cell lysate. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-STAT6 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Transcription Regulation; Developmental Biology; Immunohistochemistry; Receptors; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	23397678
NCBI GeneID	6778
NCBI Accession #	NP_003144
NCBI GenBank Nucleotide #	NM_003153
UniProt Accession #	P42226
Molecular Weight	94kDa

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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stat6-antibody-western-blot-immunohistochemistry-elisa/23382>