

Rabbit STAT4 Polyclonal Antibody | anti-STAT4 antibody

STAT4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197577	Rabbit	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

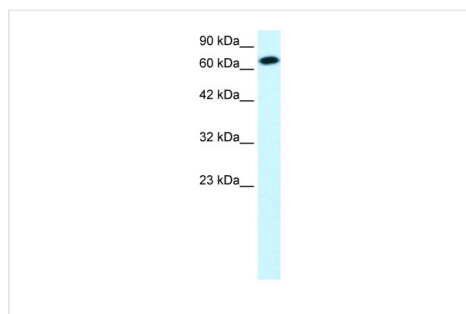
PRODUCT SYNONYMS

STAT4; Polyclonal Antibody; STAT4 antibody - N-terminal region; anti-STAT4 antibody

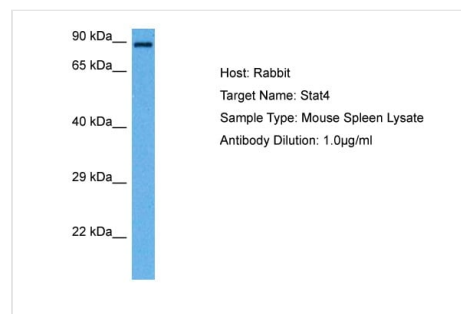
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A 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: IG GPLHNGLDQL QNCFTLLAES LFQLRRQLEK LEEQSTKMTY EGDPIPMQ
Sequence Length	748
Applicable Applications for anti-STAT4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Pig: 100%; Rabbit: 100%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human STAT4
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.

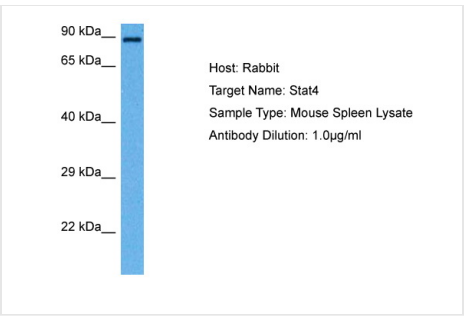
IMAGES


WB (Western Blot)

WB Suggested Anti-STAT4 Antibody Titration: 1.25ug/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate
STAT4 is supported by BioGPS gene expression data to be expressed in Jurkat

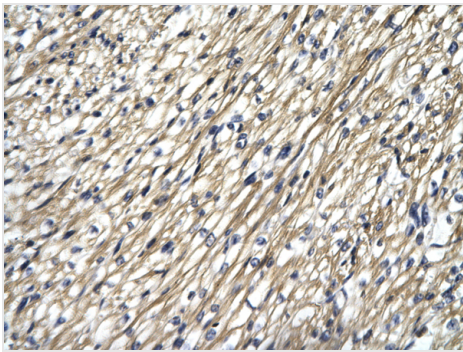

WB (Western Blot)

Host: Rabbit
Target Name: STAT4
Sample Type: Mouse Spleen Lysate
Antibody Dilution: 1ug/ml



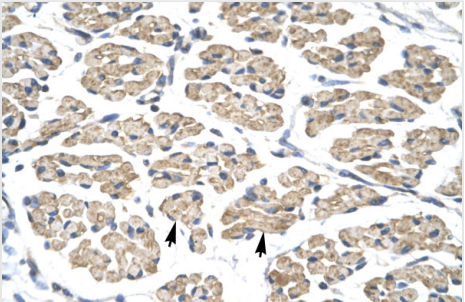
WB (Western Blot)

Host: MouseTarget Name: STAT4Sample Tissue: Mouse SpleenAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-STAT4 antibodyParaffin Embedded Tissue: Human Heart cell Cellular Data: cardiac cell of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X



IHC (Immunohistochemistry)

Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-STAT4 antibody	This is a rabbit polyclonal antibody against STAT4. It was validated on Western Blot and immunohistochemistry Target Description: STAT4 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 is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells.
Product Categories/Family for anti-STAT4 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Lymphocyte Signaling; Transcription Regulation; Chromatin & Nuclear Signaling; Signal Transduction; Immunohistochemistry; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507255
NCBI GeneID	6775
NCBI Accession #	NP_003142
NCBI GenBank Nucleotide #	NM_003151
UniProt Accession #	Q14765
Molecular Weight	86kDa
NCBI Official Full Name	signal transducer and activator of transcription 4
NCBI Official Synonym Full Names	signal transducer and activator of transcription 4
NCBI Official Symbol	STAT4
NCBI Official Synonym Symbols	SLEB11
NCBI Protein Information	signal transducer and activator of transcription 4

UniProt Protein Name	Signal transducer and activator of transcription 4
UniProt Gene Name	STAT4
UniProt Entry Name	STAT4_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/stat4-antibody-western-blot-immunohistochemistry-elisa/197577>