

Rabbit anti-Human Signal Transducer And Activator Of Transcription 4 (STAT4) Polyclonal Antibody | anti-STAT4 antibody

Polyclonal Antibody to Signal Transducer And Activator Of Transcription 4 (STAT4)

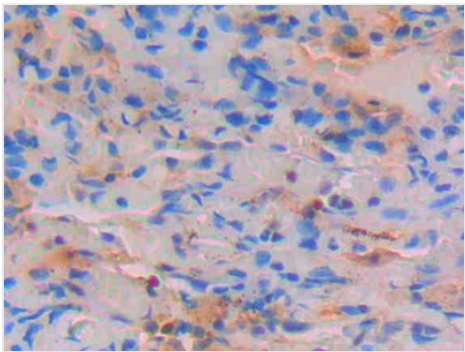
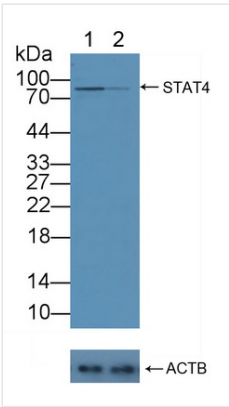
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135446	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Signal Transducer And Activator Of Transcription 4 (STAT4); Polyclonal Antibody; Polyclonal Antibody to Signal Transducer And Activator Of Transcription 4 (STAT4); anti-STAT4 antibody

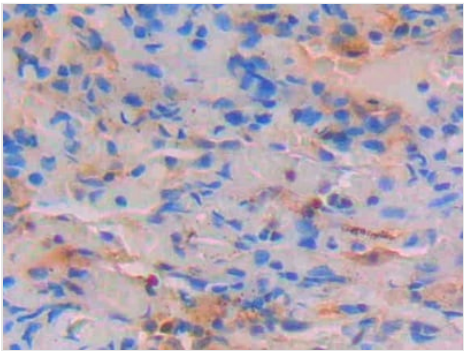
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against STAT4. It has been selected for its ability to recognize STAT4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-YVGRGLNS DQLHMLAEKL TVQSSYSDGH LTWAKFCKEH LPGKSFTFWT WLEAILDLIK KHILPLWIDG YVMGFVSKEK ERLLLKDKMP GTFLLRFSES HLGGITFTWV DHSSEGEVRF HSVEPYNKGR LSALPFADIL RDYKVIMAEN IPENPLKYLY PDIPKDKAFG KHYSSQPCEV SRPTERGDKG YVPSVFIP
Sequence Length	748
Applicable Applications for anti-STAT4 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant STAT4 (Tyr505-Ile737) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

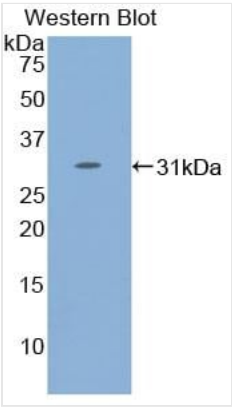


IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Lung Tissue

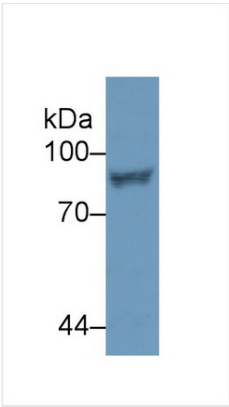
Application Data
Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: STAT4 knockout Jurkat cell lysate; Predicted MW: 86kd Observed MW: 86kd Primary Ab: 2ug/ml Rabbit Anti-Human STAT4 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded Kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Jurkat cell lysate; Primary Ab: 2ug/ml Rabbit Anti-Human STAT4 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-STAT4 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	345110660
NCBI GeneID	6775
NCBI Accession #	NP_001230764.1
NCBI GenBank Nucleotide #	NM_001243835.1
UniProt Accession #	Q14765; Q96NZ6
Molecular Weight	85,941 Da
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

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/signal-transducer-and-activator-of-transcription-4-stat4-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/135446>