

Rabbit STAT4 Polyclonal Antibody | anti-STAT4 antibody

STAT4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288746	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, Immunofluorescence, ELISA, Western Blot

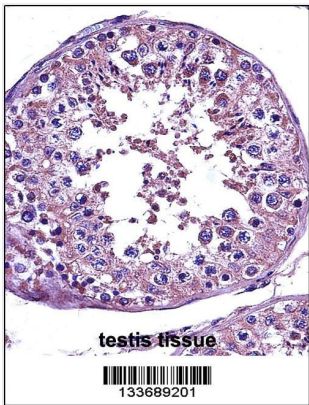
PRODUCT SYNONYMS

STAT4; Polyclonal Antibody; STAT4 Antibody (C-term); Signal transducer and activator of transcription 4; anti-STAT4 antibody

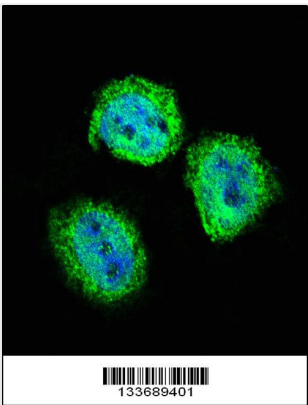
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STAT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 666-695 amino acids from the C-terminal region of human STAT4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.47 (varies by lot)
Sequence Positions	666-695
Sequence Length	748
Applicable Applications for anti-STAT4 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

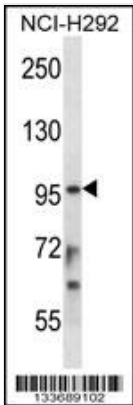
IMAGES



IHC (Immunohistochemisry)
STAT4 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of STAT4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of STAT4 Antibody (C-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
STAT4 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the STAT4 antibody detected the STAT4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-STAT4 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 is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells.
Product Categories/Family for anti-STAT4 antibody	Cancer; Signal Transduction
References	Plant, D., et al. Ann. Rheum. Dis. 69(8):1548-1553(2010) Gestermann, N., et al. Genes Immun. 11(5):432-438(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Vuong, M.T., et al. PLoS ONE 5 (5), E10559 (2010) : Glas, J., et al. PLoS ONE 5 (4), E10373 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	345110660
-----------	-----------

NCBI GeneID	6775
NCBI Accession #	NP_001230764.1; NP_003142.1
NCBI GenBank Nucleotide #	NM_001243835.1
UniProt Accession #	Q14765; Q96NZ6
Molecular Weight	85941
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/stat4-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/288746>