

Rabbit anti-Human STAT5b Polyclonal Antibody | anti-STAT5b antibody

Rabbit anti-STAT5b Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212188	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

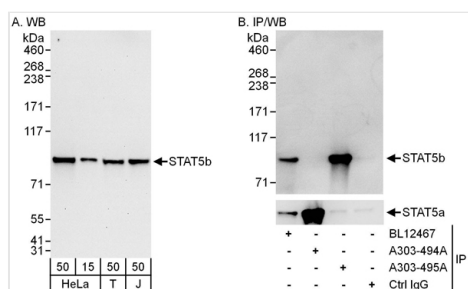
PRODUCT SYNONYMS

STAT5b; Polyclonal Antibody; Rabbit anti-STAT5b Antibody; Affinity Purified; STAT5; transcription factor STAT5B; signal transducer and activator of transcription 5B; Signal transducer and activator of transcription 5B; anti-STAT5b antibody

PRODUCT SPECIFICATIONS

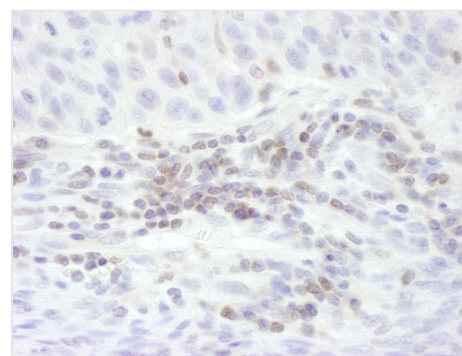
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-STAT5b antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, Bovine, Pig
Immunogen	Between 737 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human STAT5b by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-STAT5b antibody AAA212188 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B, upper panel) and used for IP at 6 ug/ml lysate. STAT5b was also immunoprecipitated by rabbit anti-STAT5a/STAT5b antibody BL12467, which recognizes an upstream epitope. STAT5a was immunoprecipitated by rabbit anti-STAT5a/STAT5b antibody BL12467 and by rabbit anti-STAT5b antibody which was also used to blot STAT5a (B, lower panel). Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human STAT5b by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-STAT5b (Cat. No. AAA212188 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-STAT5b antibody	Signal transducer and activator of transcription 5b (STAT5b) 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. STAT5A mediates the signal transduction triggered by various cell ligands, such as IL2, IL4, CSF1, and different growth hormones. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression [taken from NCBI Entrez Gene (Gene ID: 6777)].
Product Categories/Family for anti-STAT5b antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618344
NCBI GeneID	6777
NCBI Accession #	NP_036580.2
NCBI GenBank Nucleotide #	NM_012448.3
UniProt Accession #	P51692; Q8WWS8
Molecular Weight	89,866 Da
NCBI Official Full Name	signal transducer and activator of transcription 5B
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5B
NCBI Official Symbol	STAT5B
NCBI Official Synonym Symbols	STAT5
NCBI Protein Information	signal transducer and activator of transcription 5B; transcription factor STAT5B
UniProt Protein Name	Signal transducer and activator of transcription 5B
UniProt Gene Name	STAT5B
UniProt Entry Name	STA5B_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://www.aaabiotech.com/polyclonal/stat5b-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212188>