

Rabbit anti-Human, Mouse STAT6 Polyclonal Antibody | anti-STAT6 antibody

Rabbit anti-STAT6 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210939	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

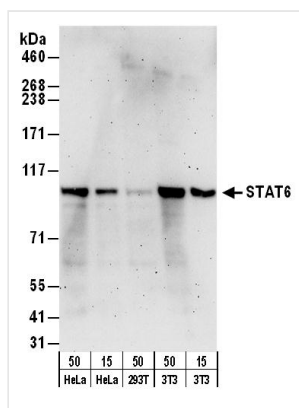
PRODUCT SYNONYMS

STAT6; Polyclonal Antibody; Rabbit anti-STAT6 Antibody; Affinity Purified; signal transducer and activator of transcription 6; transcription factor IL-4 STAT; STAT6C; STAT6B; interleukin-4 induced; IL-4-STAT; IL-4 Stat; D12S1644; STAT; interleukin4-induced; Signal transducer and activator of transcription 6; anti-STAT6 antibody

PRODUCT SPECIFICATIONS

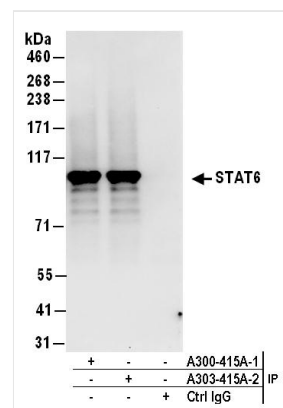
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-STAT6 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 600 and 650
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



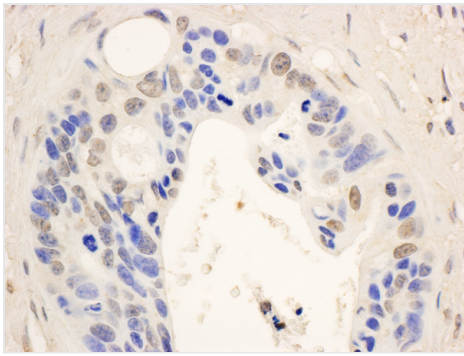
WB (Western Blot)

Detection of human and mouse STAT6 by western blot. Samples: Whole cell lysate from HeLa (15 and 50 ug), HEK293T (50ug), and mouse NIH 3T3 (15 and 50 ug) cells. Antibodies: Affinity purified rabbit anti-STAT6 antibody AAA210939 (lot AAA210939-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human STAT6 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-STAT6 antibody AAA210939 (lot AAA210939-2) used for IP at 6 ug/mg lysate. STAT6 was also immunoprecipitated by a previous lot (AAA210939-1) of this antibody. For blotting immunoprecipitated STAT6, AAA210939 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human STAT6 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-STAT6 (Cat. No. AAA210939 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-STAT6 antibody	STAT6 is part of the STAT (signal transducers and activators of transcription) family of transcription factors that relays signals from cytokine receptors to the nucleus where they act as transcriptional activators. STAT6 mediates signals that originate from the IL-4 receptor via JAKs (Janus Kinases) and activates a gene program involved in B- and T- cell differentiation, proliferation, and apoptosis.
Product Categories/Family for anti-STAT6 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23397678
NCBI GeneID	6778
NCBI Accession #	NP_003144.3
NCBI GenBank Nucleotide #	NM_003153.4
UniProt Accession #	P42226 ; Q5FBW5 ; Q71UP4 ; A8K316 ; B7ZA27 ; F5GXI9
Molecular Weight	94,135 Da
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, interleukin-4 induced
NCBI Official Symbol	STAT6
NCBI Official Synonym Symbols	STAT6B; STAT6C; D12S1644; IL-4-STAT
NCBI Protein Information	signal transducer and activator of transcription 6; STAT, interleukin4-induced; transcription factor IL-4 STAT
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-immunohistochemistry-immunoprecipitation-western-blot-elisa/210939>