

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

Anti-STAT6 Antibody, Rabbit Polyclonal

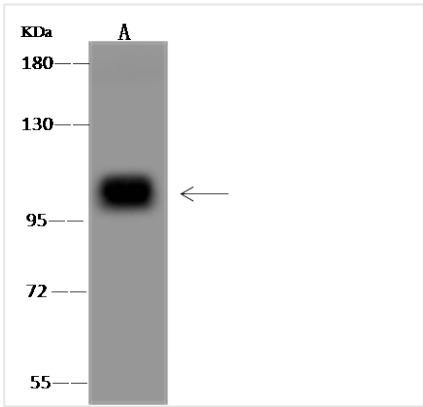
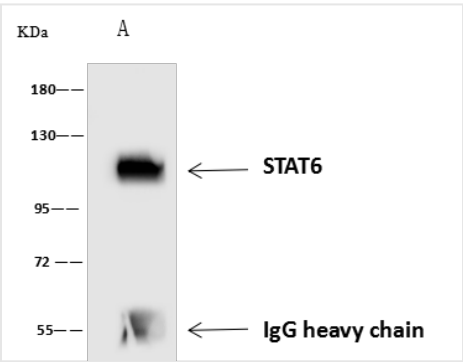
CATALOG # AAA256082	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

STAT6; Polyclonal Antibody; Anti-STAT6 Antibody; Rabbit Polyclonal; STAT6 Antibody; Rabbit PAb; Antigen Affinity Purified; signal transducer and activator of transcription 6; interleukin-4 induced; Anti-D12S1644 Antibody; Anti-IL-4-STAT Antibody; Anti-STAT6B Antibody; Anti-STAT6C Antibody; anti-STAT6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human STAT6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-STAT6 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human STAT6 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human STAT6 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
STAT6 was immunoprecipitated using: Lane A: 0.5 mg Hela Whole Cell Lysate 4 uL anti-STAT6 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-STAT6 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 100 kDa. Observed band size: 100 kDa.

WB (Western Blot)
Anti-STAT6 rabbit polyclonal antibody at 1:500 dilution. Lane A: Hela Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 94 kDa. Observed band size: 100 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT6 antibody	Signal transducer and activator of transcription 6 (STAT6) is a transcription factor that is activated by interleukin-4 (IL-4)-induced tyrosine phosphorylation and mediates most of the IL-4-induced gene expression. STAT6 plays a central role in exerting interleukin-4 (IL-4) mediated biological responses and is found to induce the expression of BCL2L1/BCL-XL, which is responsible for the anti-apoptotic activity of IL4. Transcriptional activation by STAT6 requires the interaction with coactivators like p300 and the CREB-binding protein (CBP). NF-kappaB and tyrosine-phosphorylated Stat6 can directly bind each other in vitro and in vivo, which suggests that the direct interaction between Stat6 and NF-kappaB may provide a basis for synergistic activation of transcription by IL-4 and activators of NF-kappaB.
Product Categories/Family for anti-STAT6 antibody	Apoptosis Transcription Factors and Regulators; Jak-Stat Signaling Pathway
References	Litterst CM, et al. (2001) Transcriptional activation by STAT6 requires the direct interaction with NCoA-1. J Biol Chem. 276 (49): 45713-21. Stutz AM, et al. (1999) Functional synergism of STAT6 with either NF-kappa B or PU.1 to mediate IL-4-induced activation of IgE germline gene transcription. J Immunol. 163 (8): 4383-91. Yang J, et al. (2002) Identification of p100 as a coactivator for STAT6 that bridges STAT6 with RNA polymerase II. EMBO J. 21 (18): 4950-8.

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/stat6-antibody-immunoprecipitation-western-blot-elisa/256082>