

Rabbit anti-Human STAT2 Polyclonal Antibody | anti-STAT2 antibody

STAT2 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60068	Rabbit	Human	Western Blot, Immunoprecipitation

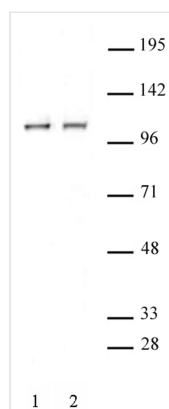
PRODUCT SYNONYMS

STAT2; Polyclonal Antibody; STAT2 antibody (pAb); P113; ISGF-3; STAT113; anti-STAT2 antibody

PRODUCT SPECIFICATIONS

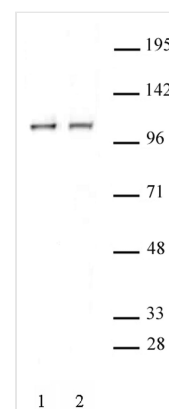
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-STAT2 antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	This antibody was raised against a peptide within the C-terminal region of human STAT2.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

STAT2 antibody (pAb) tested by Western blot. Whole cell extract (20 ug) of Jurkat cells (Lane 1) or HeLa cells (Lane 2) probed with STAT2 antibody at a 1:1,000 dilution.



WB (Western Blot)

STAT2 antibody (pAb) tested by Immunoprecipitation. 10 ul of STAT2 antibody was used to immunoprecipitate STAT2 from 400 ug of HeLa whole cell extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the STAT2 antibody at a dilution of 1:1,000.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT2 antibody	Short Description: Our STAT2 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human samples. Background: STAT2 (Signal Transducer And Activator Of Transcription 2, 113kDa) is a signal transducer and activator of transcription that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with IRF9/ISGF3G to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.
Product Categories/Family for anti-STAT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885615
NCBI GeneID	6773
NCBI Accession #	NP_005410; AB_2793720
NCBI GenBank Nucleotide #	NM_005419
UniProt Accession #	P52630; Q16430; Q16431; Q9UDL4; B4DLC7; G3V2M6
Molecular Weight	97,457 Da
NCBI Official Full Name	signal transducer and activator of transcription 2 isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 2, 113kDa
NCBI Official Symbol	STAT2
NCBI Official Synonym Symbols	P113; ISGF-3; STAT113
NCBI Protein Information	signal transducer and activator of transcription 2; interferon alpha induced transcriptional activator; signal transducer and activator of transcription 2, 113kD
UniProt Protein Name	Signal transducer and activator of transcription 2
UniProt Gene Name	STAT2
UniProt Entry Name	STAT2_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/stat2-antibody-western-blot-immunoprecipitation-elisa/60068>