

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

Rabbit anti-STAT2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212199	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

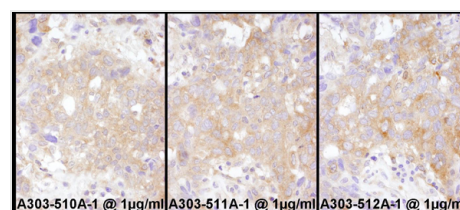
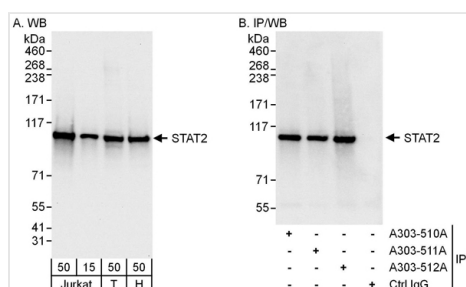
PRODUCT SYNONYMS

STAT2; Polyclonal Antibody; Rabbit anti-STAT2 Antibody; Affinity Purified; IMD44; signal transducer and activator of transcription 2; STAT113; 113kDa; ISGF-3; interferon alpha induced transcriptional activator; P113; Signal transducer and activator of transcription 2; anti-STAT2 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-STAT2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 801 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human STAT2 by immunohistochemistry. Samples: FFPE serial sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-STAT2 (Cat. No. Lot1, left panel, Lot1, middle panel and Cat. No. AAA212199 Lot1, right panel) used at a dilution of 1:1,000 (1ug/ml) or 1:200 (1ug/ml). Detection: DAB

WB (Western Blot)

Detection of human STAT2 by western blot and immunoprecipitation. Samples: Whole cell lysate from Jurkat (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (J; 50 ug) and HeLa (H; 50 ug) cells. Antibodies: Affinity purified rabbit anti-STAT2 antibody AAA212199 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. STAT2 was also immunoprecipitated by rabbit anti-STAT2 antibodies and which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).

ADDITIONAL INFORMATION

Related Product Information for anti-STAT2 antibody	Signal transducer and activator of transcription 2 (STAT2) 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 ISGF3G/IRF-9 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P52630].
Product Categories/Family for anti-STAT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885615
NCBI GeneID	6773
NCBI Accession #	NP_005410.1
NCBI GenBank Nucleotide #	NM_005419.3
UniProt Accession #	P52630; Q16430; Q16431; Q9UDL4
Molecular Weight	97,916 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
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://www.aaabiotech.com/polyclonal/stat2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212199>