

Rabbit anti-Human, Mouse STAT1 Polyclonal Antibody | anti-STAT1 antibody

STAT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280857	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

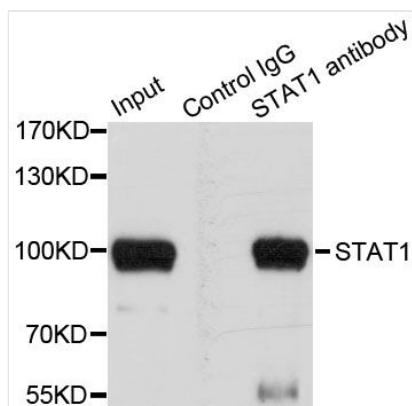
PRODUCT SYNONYMS

STAT1; Polyclonal Antibody; STAT1 Polyclonal Antibody; CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91; anti-STAT1 antibody

PRODUCT SPECIFICATIONS

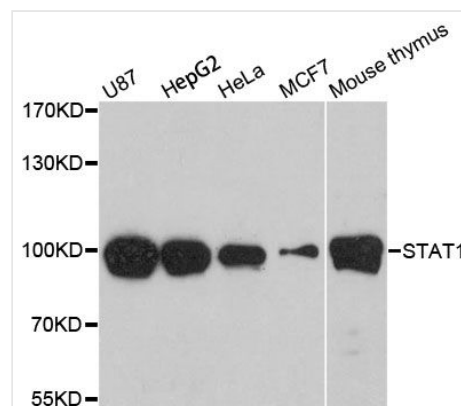
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	750
Applicable Applications for anti-STAT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide of human STAT1
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 100ug extracts of HeLa cells using 3ug STAT1 antibody. Western blot was performed from the immunoprecipitate using STAT1 antibody at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using STAT1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT1 antibody	The protein encoded by this gene is a member of the STAT protein family. 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. This protein can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described.
Product Categories/Family for anti-STAT1 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507413
NCBI GeneID	6772
UniProt Accession #	P42224; Q53S88; Q53XW4; Q68D00; Q9UDL5; A8K989; B2RCA0; D2KFR8; D3DPI7
Molecular Weight	87kDa
NCBI Official Full Name	Signal transducer and activator of transcription 1-alpha/beta
NCBI Official Synonym Full Names	signal transducer and activator of transcription 1
NCBI Official Symbol	STAT1
NCBI Official Synonym Symbols	CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91
NCBI Protein Information	signal transducer and activator of transcription 1-alpha/beta
UniProt Protein Name	Signal transducer and activator of transcription 1-alpha/beta
UniProt Gene Name	STAT1

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/stat1-antibody-immunoprecipitation-western-blot-elisa/280857>