

STAT1 recombinant antibody

Rabbit anti-STAT1 Recombinant Monoclonal Antibody [BLR125H]

CATALOG # AAA213591	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

STAT1; Monoclonal Recombinant Antibody; Rabbit anti-STAT1 Recombinant Monoclonal Antibody [BLR125H]; IMD31C; transcription factor ISGF-3 components p91/p84; STAT91; signal transducer and activator of transcription 1-alpha/beta; signal transducer and activator of transcription 1; 91kDa; ISGF-3; IMD31B; IMD31A; CANDF7; 91kD; Signal transducer and activator of transcription 1-alpha/beta; STAT1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR125H
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	40ug/ml (varies by lot)
Applicable Applications for STAT1 recombinant antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 400 and 450
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 STAT1 by western blot. Samples: Whole cell lysate (5 to 10 ug) from HEK293T, HeLa, Jurkat, Hep-G2, MCF-7, SK-MEL-28, GaMG, and UACC-257 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-STAT1 recombinant monoclonal antibody (AAA213591 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



IP (Immunoprecipitation)

Detection of human STAT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-STAT1 recombinant monoclonal antibody (AAA213591 lot 1) used for IP at 20 ul/mg lysate. STAT1 was also immunoprecipitated by rabbit anti-STAT1 antibody For blotting immunoprecipitated STAT1, AAA213591 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for STAT1 recombinant antibody	STAT1 (signal transducer and activator of transcription 1) 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. STAT1 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 [taken from NCBI Entrez Gene (GeneID: 6772)].
Product Categories/Family for STAT1 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6274552
NCBI GeneID	6772
NCBI Accession #	NP_009330.1
NCBI GenBank Nucleotide #	NM_007315.3
UniProt Accession #	P42224; Q53S88; Q53XW4; Q68D00; Q9UDL5; A8K989; B2RCA0; D2KFR8; D3DPI7
Molecular Weight	87,335 Da
NCBI Official Full Name	signal transducer and activator of transcription 1-alpha/beta isoform alpha
NCBI Official Synonym Full Names	signal transducer and activator of transcription 1, 91kDa
NCBI Official Symbol	STAT1
NCBI Official Synonym Symbols	CANDF7; ISGF-3; STAT91
NCBI Protein Information	signal transducer and activator of transcription 1-alpha/beta; transcription factor ISGF-3 components p91/p84; signal transducer and activator of transcription-1
UniProt Protein Name	Signal transducer and activator of transcription 1-alpha/beta
UniProt Gene Name	STAT1
UniProt Entry Name	STAT1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/stat1-recombinant-antibody-clone-blr125h-immunoprecipitation-western-blot-elisa/213591>