

Rabbit STAT1 Polyclonal Antibody | anti-STAT1 antibody

STAT1 (phospho-Tyr701)

CATALOG # AAA47823	HOST Rabbit	APPLICATIONS Immunohistochemistry, Immunoblot, Western Blot
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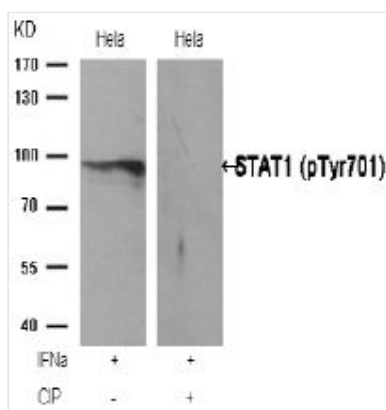
PRODUCT SYNONYMS

STAT1; Polyclonal Antibody; STAT1 (phospho-Tyr701); anti-STAT1 antibody

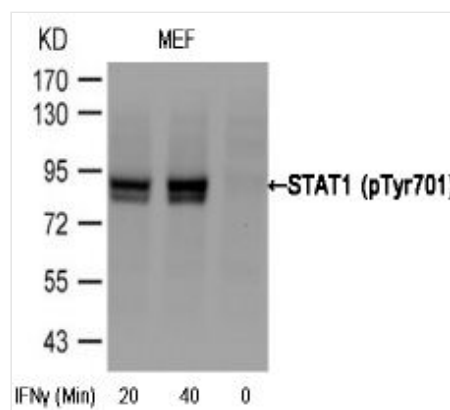
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody detects endogenous human and mouse STAT1 only when phosphorylated at tyrosine 701.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide.
Sequence Length	750
Applicable Applications for anti-STAT1 antibody	IHC (Immunohistochemistry), IB (Immunoblot)
Antigen	Peptide sequence that includes phosphorylation site of tyrosine 701 (T-G-Y(p)-I-K) derived from human STAT1 and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term use.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-STAT1 antibody	Signal transducers and activators of transcription (STATs) are transcription factors that play important roles in signaling pathways induced by many different cytokines and growth factors that regulate cell growth and differentiation, the immune response, antiviral activity, and homeostasis. Their activation and mechanisms of action are examples of direct signaling to the nucleus by extracellular polypeptide ligands without the involvement of second messengers, tyrosine phosphorylation of transcription factors, or transcription factors that make direct contact with membrane-bound receptors and DNA. Since the discovery of STAT 1 and 2, the family has been expanded to seven members. Two alternatively spliced isoforms of STAT1 (p84 and p91) have been described
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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	83,043 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
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://stage.aaabiotech.com/polyclonal/stat1-antibody-immunohistochemistry-immunoblot-elisa/47823>