

Rabbit STAT1 Polyclonal Antibody | anti-STAT1 antibody

Anti-STAT1 Antibody (C-Terminus) IHC-plus

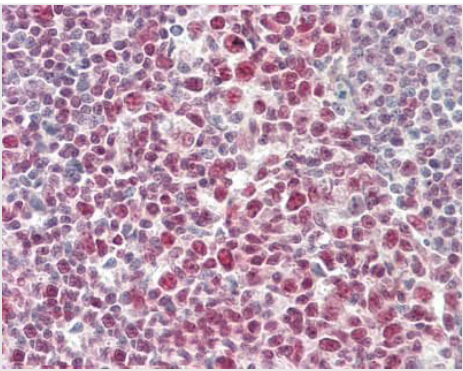
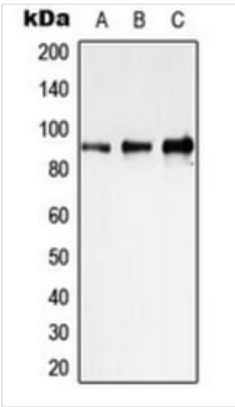
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162190	Rabbit	Chicken, Bovine, Mouse, Dog, Rat, Pig, Human, Monkey	Immunoprecipitation, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

STAT1; Polyclonal Antibody; Anti-STAT1 Antibody (C-Terminus) IHC-plus; Rabbit Polyclonal to Human STAT1; Human STAT1; ISGF-3; STAT91; CANDF7; anti-STAT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chicken, Bovine, Mouse, Dog, Rat, Pig, Human, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of STAT1 protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	750
Applicable Applications for anti-STAT1 antibody	IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	STAT1 antibody was raised against KLH-conjugated synthetic peptide encompassing a sequence within the C-terminal region of human STAT1.
Immunogen Description	KLH-conjugated synthetic peptide encompassing a sequence within the C-terminal region of human STAT1.
Immunogen Type	Synthetic peptide
Antigen Modification	C-Terminus
Target Species	Human
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.



IHC (Immunohistochemistry)
Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

WB (Western Blot)
Western blot analysis of STAT1 expression in HeLa (A); NIH3T3 (B); PC12 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT1 antibody	STAT1 Antibody, ISGF-3 Antibody, STAT91 Antibody, CANDF7 Antibody Description: Signal transducer and transcription activator that mediates cellular responses to interferons (IFNs), cytokine KITLG/SCF and other cytokines and other growth factors. Following type I IFN (IFN-alpha and IFN-beta) binding to cell surface receptors, signaling via protein kinases leads to activation of Jak kinases (TYK2 and JAK1) and to tyrosine phosphorylation of STAT1 and STAT2.
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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
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.