

Rabbit Phospho-STAT1 (S727) Polyclonal Antibody | anti-STAT1 antibody

Phospho-STAT1 (S727) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284815	Rabbit	Human (Predicted Reactivity: Mouse, Pig)	Immunohistochemistry, ELISA, Western Blot

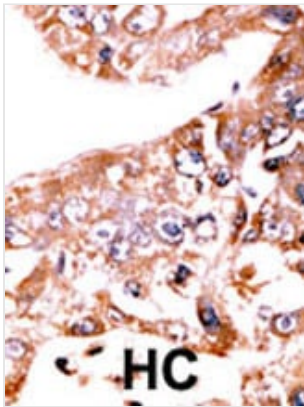
PRODUCT SYNONYMS

Phospho-STAT1 (S727); Polyclonal Antibody; Phospho-STAT1 (S727) Antibody; Signal transducer and activator of transcription 1-alpha/beta; Transcription factor ISGF-3 components p91/p84; STAT1; anti-STAT1 antibody

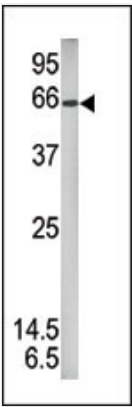
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STAT1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S727 of human STAT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	712
Applicable Applications for anti-STAT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-Phospho-STAT1 Pab in mouse brain tissue lysate (35ug/lane). Phospho-STAT1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT1 antibody	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.
Product Categories/Family for anti-STAT1 antibody	Signal Transduction; Neuroscience; Microbiology; Metabolism; Cardiovascular; Cancer; Phospho Antibodies
References	Garcin, D., et al., J. Virol. 78(16):8799-8811 (2004). Melen, K., et al., J. Med. Virol. 73(4):536-547 (2004). Klampfer, L., et al., J. Biol. Chem. 279(29):30358-30368 (2004). Marg, A., et al., J. Cell Biol. 165(6):823-833 (2004). Chim, C.S., et al., Blood 103(12):4630-4635 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6274552
NCBI GeneID	6772
NCBI Accession #	NP_009330.1; NP_644671.1
NCBI GenBank Nucleotide #	NM_007315.3
UniProt Accession #	P42224; Q53S88; Q53XW4; Q68D00; Q9UDL5; A8K989; B2RCA0; D2KFR8; D3DPI7
Molecular Weight	87335
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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospho-stat1-s727-antibody-immunohistochemistry-western-blot-elisa/284815>