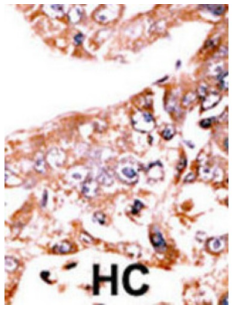
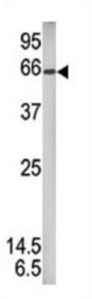
Signal Transducer And Activator of Transcription 1 Phospho-Ser727 (STAT1 pS727) Antibody

Catalogue No.:abx031918





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.

Target:	Signal Transducer And Activator of Transcription 1 Phospho-Ser727 (STAT1 pS727)
Clonality:	Polyclonal
Target Modification:	Ser727
Modification:	Phosphorylation
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S727 of human STAT1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by protein G affinity chromatography. Then, the antibody fraction was peptide affinity purified in a 2-step procedure with control and phosphorylated peptides. The phospho-specific antibody was eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P42224 (UniProt, ExPASy)
Molecular Weight:	Calculated MW: 87.3 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse and Pig STAT1.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com