

Rabbit anti-Human STAT2 phospho Tyr689 Polyclonal Antibody | anti-STAT2 antibody

STAT2 phospho Tyr689 antibody (pAb)

CATALOG # AAA59893	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Dot Blot
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PRODUCT SYNONYMS

STAT2 phospho Tyr689; Polyclonal Antibody; STAT2 phospho Tyr689 antibody (pAb); P113; ISGF-3; STAT113; anti-STAT2 antibody

PRODUCT SPECIFICATIONS

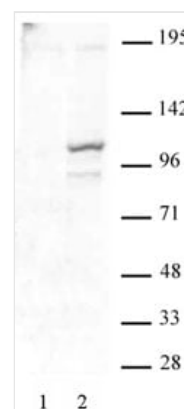
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-STAT2 antibody	WB (Western Blot), DB (Dot Blot)
Conjugation	Phosphorylated
Immunogen	This STAT2 phospho Tyr689 antibody was raised against a peptide containing phospho Tyr689 of human STAT2.
Abs Residue	Tyr
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



DB (Dot Blot)

STAT2 phospho Tyr689 pAb tested by dot blot analysis. Dot blot analysis was used to confirm the specificity of STAT2 phospho Tyr689 pAb for STAT2 phospho Tyr689. Phosphorylated peptides corresponding to the immunogen and related peptides were spotted onto PVDF and probed with the antibody at 1:10,000. The amount of peptide (picomoles) spotted is indicated next to each row. Lane 1: Unmodified Ser727 STAT1 peptide. Lane 2: Phospho Ser727 STAT1 peptide. Lane 3: Unmodified Tyr689 STAT2 peptide. Lane 4: Phospho Tyr689 STAT2 peptide. Lane 5: Unmodified Ser727 STAT3 peptide. Lane 6: Phospho Ser727 STAT3 peptide. Lane 7: Unmodified Tyr705 STAT3 peptide. Lane 8: Phospho Tyr705 STAT3 peptide. Lane 9: Unmodified Ser726 STAT5A/Ser731 STAT5B peptide. Lane 10: Phospho Ser726 STAT5A/Ser731 STAT5B peptide. Lane 11: Unmodified Tyr694 STAT5A/Tyr699 STAT5B peptide. Lane 12: Phospho Tyr694 STAT5A/Tyr699 STAT5B peptide.



WB (Western Blot)

STAT2 phospho Tyr689 pAb tested by Western blot. HeLa whole-cell extract (20 ug per lane) was probed with STAT2 phospho Tyr689 pAb (1:500). Lane 1: No treatment. Lane 2: Cells treated with IFNα (2500 units/ml for 30 minutes).

ADDITIONAL INFORMATION

Related Product Information for anti-STAT2 antibody	Short Description: Our STAT2 phospho Tyr689 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Dot blot and Western blot; it has been shown to react with Human samples. Background: STAT2 (signal transducer and activator of transcription 2) is a member of the STAT family of transcription factors. STATs undergo tyrosine and serine phosphorylation in response to growth factor or cytokine signaling. This phosphorylation results in dimerization and translocation of STAT proteins to the nucleus. STAT2 has been shown to be activated by IFNa and IFNb, and to associate with the transcription factors p48 and p300.
Product Categories/Family for anti-STAT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885615
NCBI GeneID	6773
NCBI Accession #	NP_005410; AB_2793275
NCBI GenBank Nucleotide #	NM_005419
UniProt Accession #	P52630; Q16430; Q16431; Q9UDL4; B4DLC7; G3V2M6
Molecular Weight	97,457 Da
NCBI Official Full Name	signal transducer and activator of transcription 2 isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 2, 113kDa
NCBI Official Symbol	STAT2
NCBI Official Synonym Symbols	P113; ISGF-3; STAT113
NCBI Protein Information	signal transducer and activator of transcription 2; interferon alpha induced transcriptional activator; signal transducer and activator of transcription 2, 113kD
UniProt Protein Name	Signal transducer and activator of transcription 2
UniProt Gene Name	STAT2
UniProt Entry Name	STAT2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stat2-phospho-tyr689-antibody-western-blot-dot-blot-elisa/59893>