

Rabbit anti-Human STAT5A/B phospho Tyr694/Tyr699 Polyclonal Antibody | anti-STAT5A/B antibody

STAT5A/B phospho Tyr694/Tyr699 antibody (pAb)

CATALOG # AAA59896	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Dot Blot
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PRODUCT SYNONYMS

STAT5A/B phospho Tyr694/Tyr699; Polyclonal Antibody; STAT5A/B phospho Tyr694/Tyr699 antibody (pAb); MGF; STAT5; anti-STAT5A/B antibody

PRODUCT SPECIFICATIONS

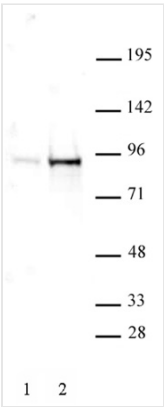
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-STAT5A/B antibody	WB (Western Blot), DB (Dot Blot)
Conjugation	Phosphorylated
Immunogen	This STAT5A/B phospho Tyr694/Tyr699 antibody was raised against a peptide containing phospho Tyr694 of human STAT5A. Human STAT5B shares the identical sequence surrounding Tyr699.
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)

STAT5A/B phospho Tyr694/Tyr699 rabbit pAb tested by dot blot analysis. Dot blot analysis was used to confirm the specificity of STAT5A/B phospho Tyr694/Tyr699 rabbit pAb for STAT5A/B phospho Tyr694/699. Phosphorylated peptides corresponding to the immunogen and related peptides were spotted onto PVDF and probed with the antibody at 1:30,000. 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)

STAT5A/B phospho Tyr694/Tyr699 rabbit pAb tested by Western blot. Nb2 nuclear extract (20 ug per lane) was probed with STAT5A/B phospho Tyr694/Tyr699 rabbit pAb (1:2,000). Lane 1: No treatment. Lane 2: Cells treated with prolactin (25 ng/ml for 20 minutes at 37 degree C).

ADDITIONAL INFORMATION

Related Product Information for anti-STAT5A/B antibody	Short Description: Our STAT5A/B phospho Tyr694/Tyr699 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: STAT5A/B (signal transducer and activator of transcription 5) is a member of the STAT family of transcription factors. STATs undergo serine and tyrosine phosphorylation in response to growth factor or cytokine signaling. This phosphorylation results in dimerization and translocation of STAT proteins to the nucleus. The STAT5 protein is expressed in most cell types and is activated by multiple cytokines and growth factors including: IFNA1, IL-10, IL-6, IL-11, IL-12, IL-2, EGF, among others. Other members of the STAT family include STAT1a, STAT2, STAT3, STAT4, STAT5A, STAT5B and STAT6.
Product Categories/Family for anti-STAT5A/B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618342
NCBI GeneID	6776
NCBI Accession #	NP_003143; NP_036580 (STAT5B); AB_2793277
NCBI GenBank Nucleotide #	NM_003152
UniProt Accession #	P42229; Q1KLZ6
Molecular Weight	86,949 Da
NCBI Official Full Name	signal transducer and activator of transcription 5A isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5A
NCBI Official Symbol	STAT5A
NCBI Official Synonym Symbols	MGF; STAT5
NCBI Protein Information	signal transducer and activator of transcription 5A
UniProt Protein Name	Signal transducer and activator of transcription 5A
UniProt Gene Name	STAT5A
UniProt Synonym Gene Names	STAT5

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/stat5a-b-phospho-tyr694-tyr699-antibody-western-blot-dot-blot-elisa/59896>