

Rabbit STAT5A/B Polyclonal Antibody | anti-STAT5A/B antibody

STAT5A/B (Phospho-Ser725/730) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316383	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

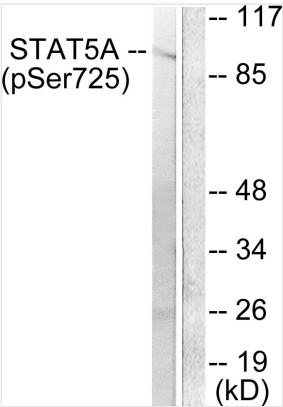
PRODUCT SYNONYMS

STAT5A/B; Polyclonal Antibody; STAT5A/B (Phospho-Ser725/730) Antibody; MGF; MPF; Mammary gland factor; STA5A; STAT5; STAT5A; Signal transducer and activator of transcription 5A; anti-STAT5A/B antibody

PRODUCT SPECIFICATIONS

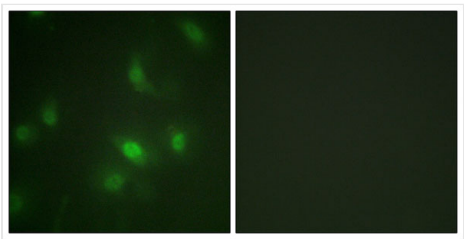
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	STAT5A/B (Phospho-Ser725/730) Antibody detects endogenous levels of STAT5A/B only when phosphorylated at Ser725/730.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	764
Applicable Applications for anti-STAT5A/B antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S726/731; M:S725/730; R:S725/730
Immunogen	The antiserum was produced against synthesized peptide derived from human STAT5A/B around the phosphorylation site of Ser725/730.
Immunogen Range	696-745
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



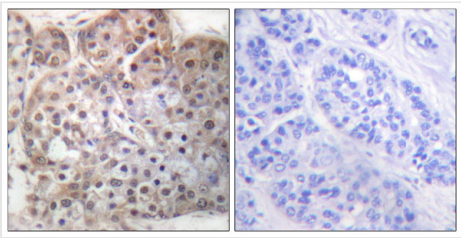
WB (Western Blot)

Western blot analysis of lysates from Jurkat cells treated with EGF 200ng/ml 30', using STAT5A/B (Phospho-Ser725/730) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using STAT5A/B (Phospho-Ser725/730) Antibody. The picture on the right is blocked with the phospho peptide.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using STAT5A/B (Phospho-Ser725/730) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	570359553
NCBI GeneID	6776
NCBI Accession #	NP_001275647.1
NCBI GenBank Nucleotide #	NM_001288718.1
UniProt Accession #	P42229; Q1KLZ6
Molecular Weight	90 kDa
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.

