

anti-Human, Rat STAT5A Antibody | anti-STAT5A antibody

STAT5A (Phospho-Ser725) Antibody

CATALOG # AAA267557	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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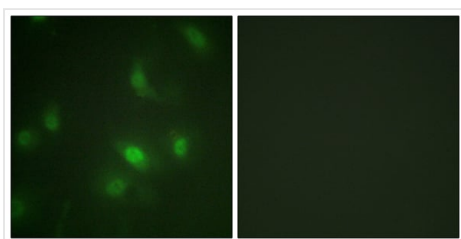
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

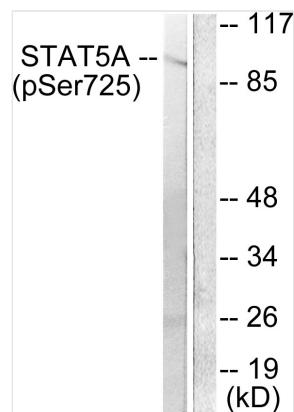
Reactivity	Human, Rat
Specificity	STAT5A (Phospho-Ser725) antibody detects endogenous levels of STAT5A only when phosphorylated at serine 725.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	794
Applicable Applications for anti-STAT5A antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human STAT5A around the phosphorylation site of serine 725 (A-P-SP-P-V).
All Sites	Human: Ser726 Rat: Ser725
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



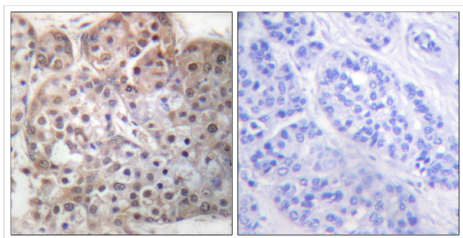
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HepG2 cells, using STAT5A (Phospho-Ser725) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using STAT5A (Phospho-Ser725) antibody. Western blot analysis of extracts from Jurkat cells, treated with EGF (200ng/ml, 30mins), using STAT5A (Phospho-Ser725) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

References	Hou J., Immunity 2:321-329(1995). Litterst C.M., J. Biol. Chem. 278:45340-45351(2003). Martens N., J. Biol. Chem. 280:13817-13823(2005).
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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	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/human-rat-antibody/stat5a/267557>