

Rabbit anti-Human STAT5B (Phospho-Ser731) Polyclonal Antibody | anti-STAT5A antibody

STAT5B (Phospho-Ser731) Antibody

CATALOG # AAA284086	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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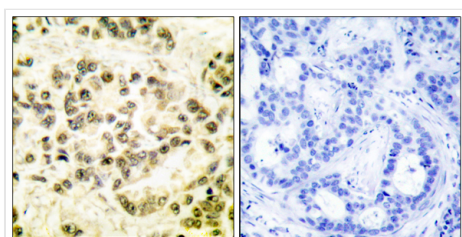
PRODUCT SYNONYMS

STAT5B (Phospho-Ser731); Polyclonal Antibody; STAT5B (Phospho-Ser731) Antibody; Signal transducer and activator of transcription 5A; STAT5A; STAT5; anti-STAT5A antibody

PRODUCT SPECIFICATIONS

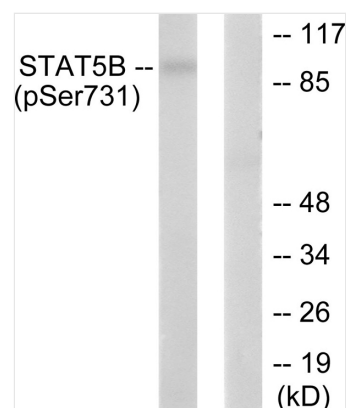
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	794
Applicable Applications for anti-STAT5A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	synthetic peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT5B (phospho-Ser731) antibody.



WB (Western Blot)

Western blot analysis of extracts from RAW264.7 cells, treated with EGF (200ng/ml, 30mins), using STAT5B (phospho-Ser731) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT5A antibody	Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL-induced transcription. Regulates the expression of milk proteins during lactation.
Product Categories/Family for anti-STAT5A antibody	Phospho Antibodies
References	Hou J.,et al.Immunity 2:321-329(1995). Lin J.X.,et al.Submitted (DEC-1995) to the EMBL/GenBank/DDBJ databases. Tan D.,et al.Submitted (APR-2006) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Zody M.C.,et al.Nature 440:1045-1049(2006).

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	90647
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
UniProt Entry Name	STA5A_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.