

Datasheet for ABIN7139047

anti-STAT5A antibody (pTyr694)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	STAT5A
Binding Specificity:	pTyr694
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 694 (D-G-Y(p)-V-K) derived from Human STAT5A.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	STAT5A
Alternative Name:	STAT5A (STAT5A Products)

Target Details

Background: Background: Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.

Gouilleux F, et al. (1994) EMBO J. 13: 4361-4369.

Dentelli P, et al. (1999) J Immunol. 163: 2151-2159.

Meinke A, et al. (1996) Mol Cell Biol. 16: 6937-6944.

Aliases: MGF antibody, Signal transducer and activator of transcription 5A antibody, Signal Transducer and Activator of Transcription 5B antibody, STA5A_HUMAN antibody, STAT 5A antibody, STAT 5B antibody, STAT5 antibody, STAT5A antibody, STAT5B antibody, Transcription factor STAT5A antibody, Transcription factor STAT5B antibody

UniProt: [P42229](#)

Pathways: [JAK-STAT Signaling](#), [RTK Signaling](#), [Response to Growth Hormone Stimulus](#), [C21-Steroid Hormone Metabolic Process](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [CXCR4-mediated Signaling Events](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: WB:1:500-1:1000, IHC:1:50-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

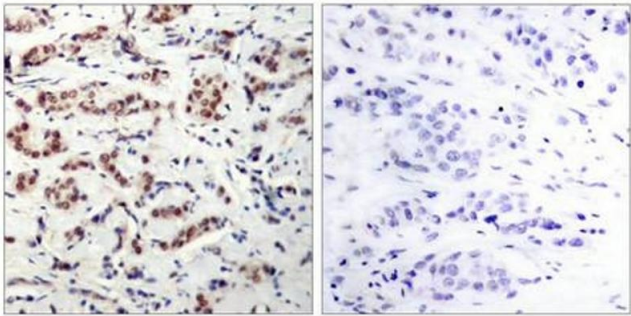
Buffer: Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

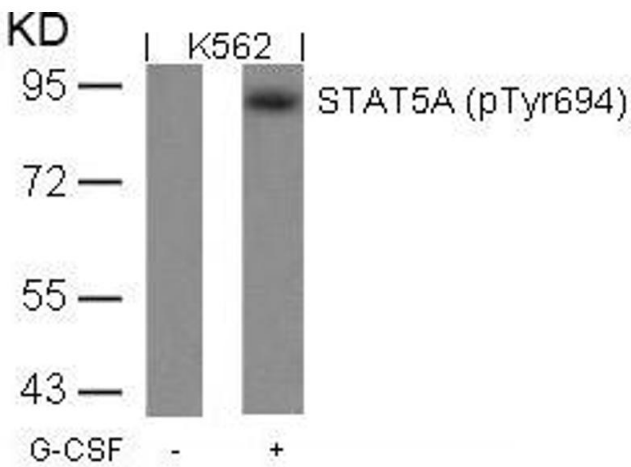
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT5A(Phospho-Tyr694) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Western Blotting

Image 2. Western blot analysis of extracts from K562 cells untreated or treated with G-CSF using STAT5A(Phospho-Tyr694) Antibody.