

Datasheet for ABIN6265323
anti-STAT5B antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	STAT5B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human STAT5B, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	STAT5B Antibody detects endogenous levels of total STAT5B.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	STAT5B
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Target Details

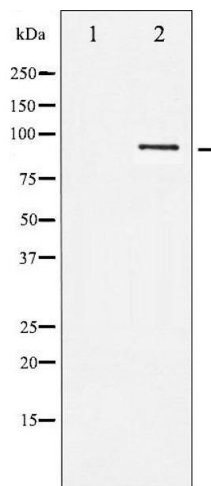
Alternative Name:	STAT5B (STAT5B Products)
Background:	<p>Description: Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Binds to the GAS element and activates PRL-induced transcription. Positively regulates hematopoietic/erythroid differentiation.</p> <p>Gene: STAT5B</p>
Molecular Weight:	90kDa
Gene ID:	6777
UniProt:	P51692
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 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

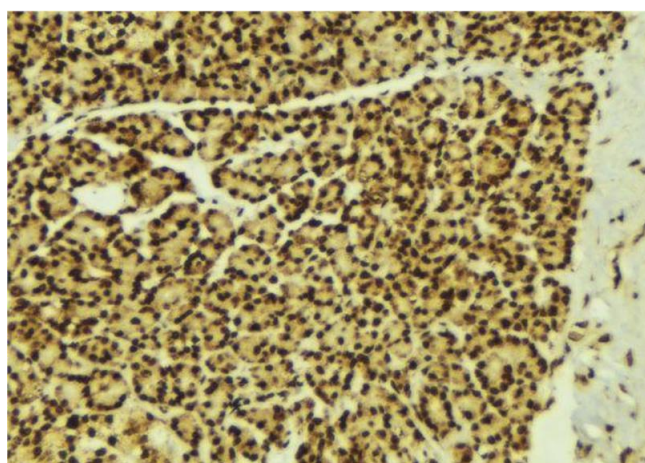
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , 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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of STAT5B expression in RAW264.7 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6269279 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.