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Datasheet for ABIN7169686
anti-STAT5B antibody (AA 40-280)

4 Images

Overview

Quantity:	100 µg
Target:	STAT5B
Binding Specificity:	AA 40-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Signal transducer and activator of transcription 5B protein (40-280AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	STAT5B
Alternative Name:	STAT5B (STAT5B Products)
Background:	Background: Carries out a dual function: signal transduction and activation of transcription.

Target Details

Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Binds to the GAS element and activates PRL-induced transcription.

Aliases: Signal transducer and activator of transcription 5B antibody, STA5B_HUMAN antibody, STAT5 antibody, Stat5b antibody, Transcription factor STAT5B antibody

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: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

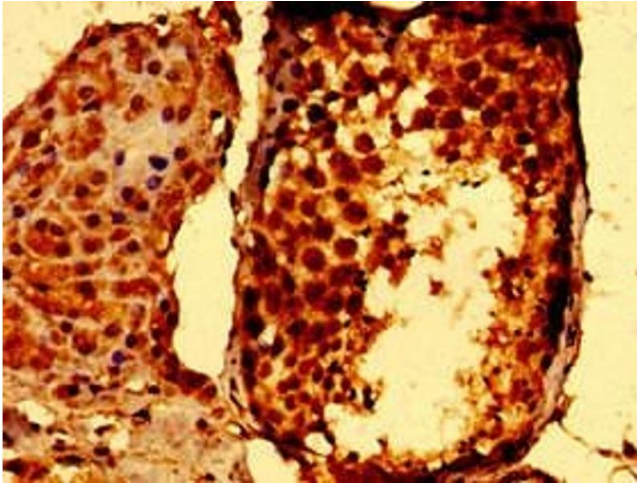
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

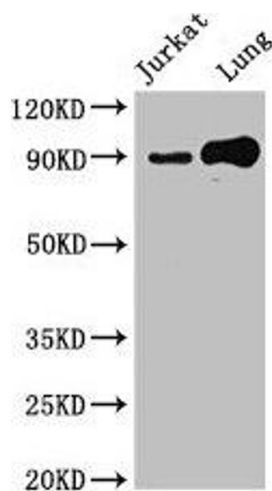
Storage: -20 °C,-80 °C

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



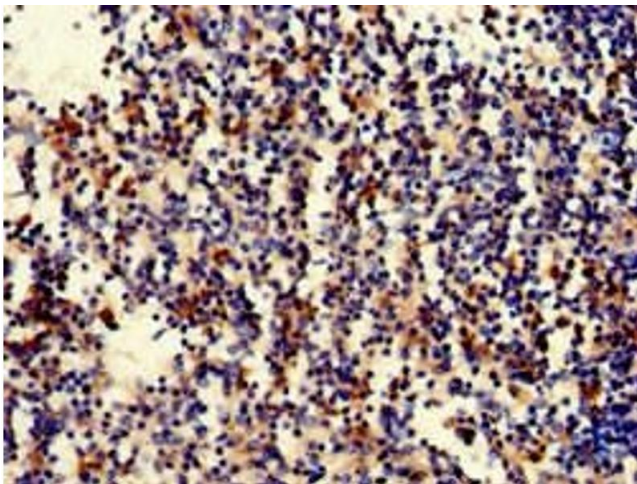
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7169686 at dilution of 1: 100



Western Blotting

Image 2. Western Blot Positive WB detected in: Jurkat whole cell lysate, Mouse lung tissue All lanes: STAT5B antibody at 2.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 90 kDa Observed band size: 90 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human spleen tissue using ABIN7169686 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7169686.