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Datasheet for ABIN7169681  
**anti-STAT4 antibody (AA 569-748)**

4 Images

Overview

Quantity:	100 µg
Target:	STAT4
Binding Specificity:	AA 569-748
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Signal transducer and activator of transcription 4 protein (569-748AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	STAT4
Alternative Name:	STAT4 ( <a href="#">STAT4 Products</a> )
Background:	Background: Carries out a dual function: signal transduction and activation of transcription. Involved in IL12 signaling.

## Target Details

Aliases: Signal transducer and activator of transcription 4 antibody, SLEB11 antibody, STAT4 antibody, STAT4\_HUMAN antibody

UniProt: [Q14765](#)

Pathways: [JAK-STAT Signaling](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

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

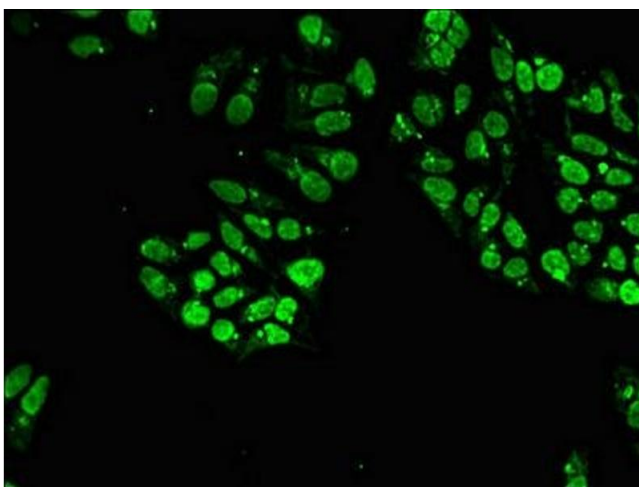
Preservative: ProClin

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

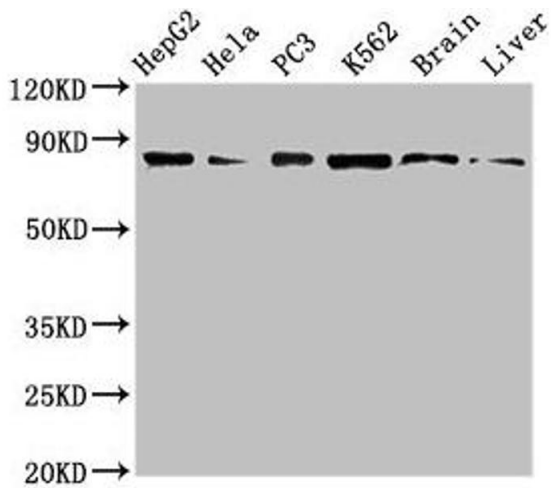
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



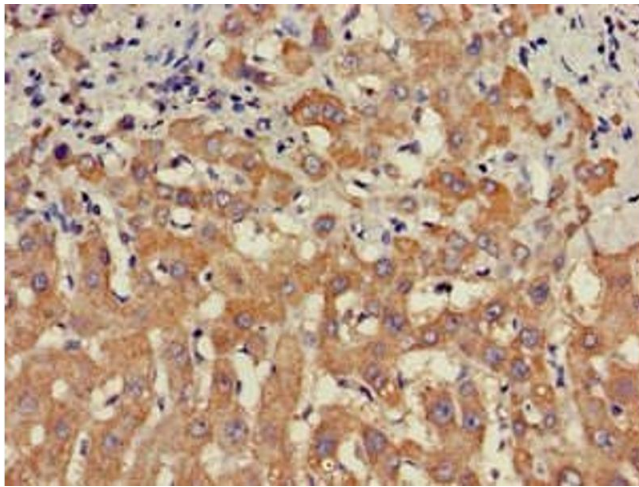
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of HeLa cells using ABIN7169681 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: HepG2 whole cell lysate, HeLa whole cell lysate, PC-3 whole cell lysate, K562 whole cell lysate, Mouse brain tissue, Rat liver tissue All lanes: STAT4 antibody at 1 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 86 kDa Observed band size: 86 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7169681 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7169681.