



## Datasheet for ABIN6256790 **anti-STAT4 antibody (pTyr693)**



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### 4 Images

#### Overview

Quantity:	100 µL
Target:	STAT4
Binding Specificity:	pTyr693
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	A synthesized peptide derived from human STAT4 around the phosphorylation site of Tyr693.
Isotype:	IgG
Specificity:	Phospho-STAT4 (Tyr693) Antibody detects endogenous levels of STAT4 only when phosphorylated at Tyrosine 693.
Predicted Reactivity:	Pig,Horse,Rabbit,Chicken
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

#### Target Details

Target:	STAT4
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## Target Details

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Alternative Name:	STAT4 ( <a href="#">STAT4 Products</a> )
Background:	Description: Carries out a dual function: signal transduction and activation of transcription. Involved in IL12 signaling. Gene: STAT4
Molecular Weight:	86kDa
Gene ID:	6775
UniProt:	<a href="#">Q14765</a>
Pathways:	<a href="#">JAK-STAT Signaling</a>

## Application Details

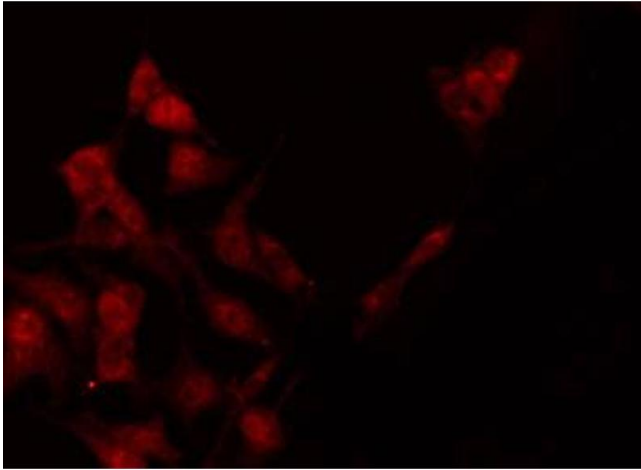
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Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IP, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

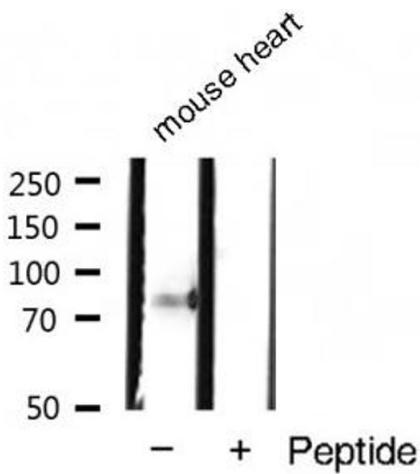
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS 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



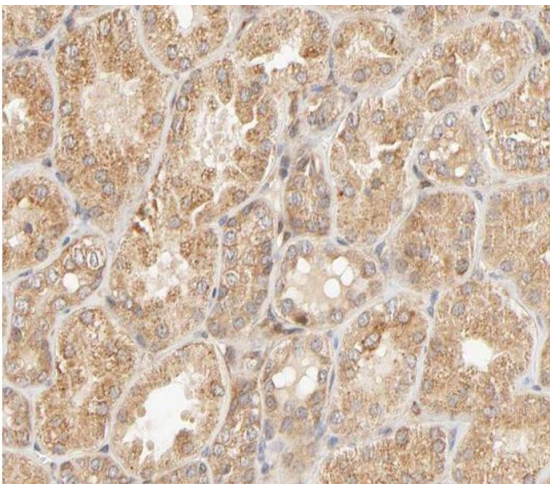
### Immunofluorescence (fixed cells)

**Image 1.** ABIN6267650 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



### Western Blotting

**Image 2.** Western blot analysis of Phospho-STAT4 (Tyr693) expression in Mouse heart tissue lysate



### Immunohistochemistry

**Image 3.** ABIN6267650 at 1/200 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6256790.