

# Phospho-STAT5-Y694 Rabbit pAb

Catalog No.: AP0887 **6 Publications**

## Basic Information

### Observed MW

90kDa

### Calculated MW

90kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## Background

Carries out a dual signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL-induced transcription. Regulates the expression of milk proteins during lactation.

## Recommended Dilutions

**WB** 1:100 - 1:500

**IHC-P** 1:100 - 1:200

## Immunogen Information

### Gene ID

6776/6777

### Swiss Prot

P42229/P51692

### Immunogen

A synthetic phosphorylated peptide around Y694 of human STAT5 (NP\_003143.2/NP\_036580.2).

### Synonyms

MGF; STAT5; stat5a/stat5b; Phospho-STAT5-Y694

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

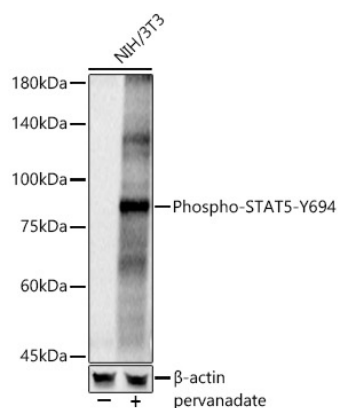
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-STAT5-Y694 Rabbit pAb (AP0887) at 1:400 dilution. NIH/3T3 cells were treated by Pervanadate (1 nM) at 37°C for 30 minutes after serum-starvation overnight.

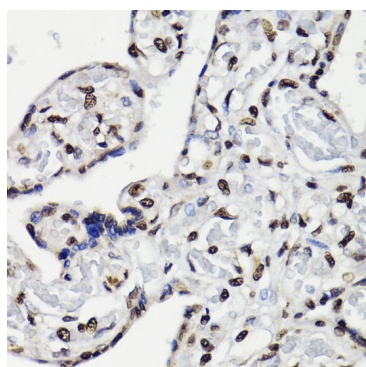
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

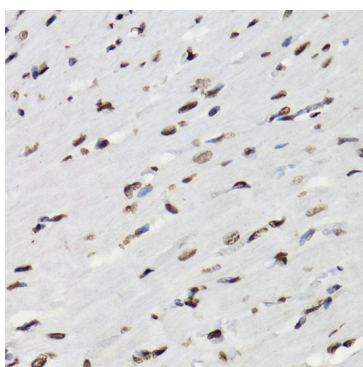
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

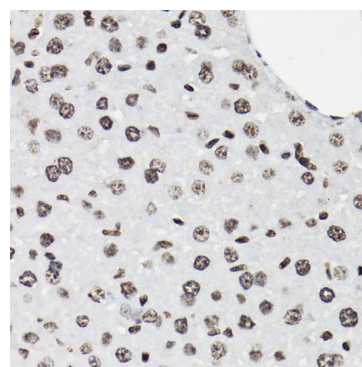
Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human placenta using Phospho-STAT5-Y694 Rabbit pAb (AP0887) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Rat heart using Phospho-STAT5-Y694 Rabbit pAb (AP0887) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using Phospho-STAT5-Y694 Rabbit pAb (AP0887) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.