

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

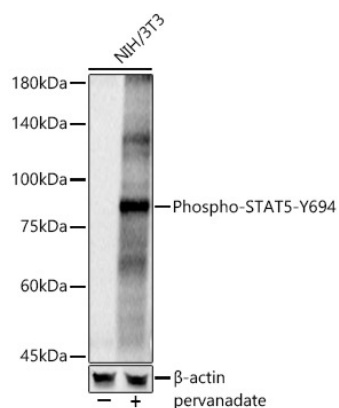
Affinity purification

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.

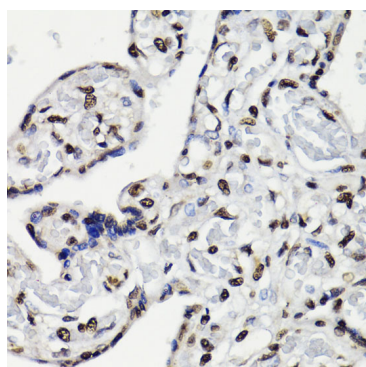
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

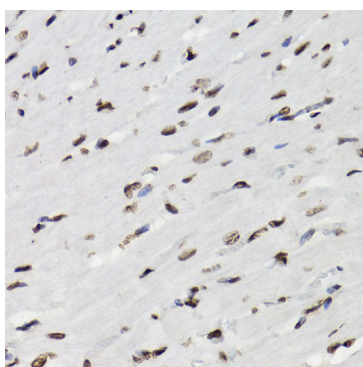
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

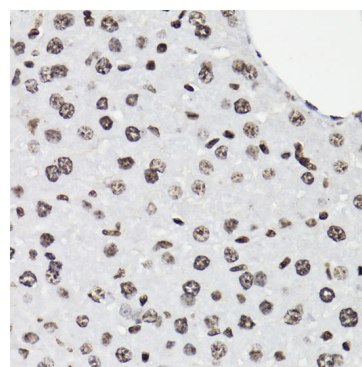
Exposure time: 1s.



Immunohistochemistry analysis of Phospho-STAT5-Y694 in 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 Phospho-STAT5-Y694 in 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 Phospho-STAT5-Y694 in 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.