

Anti-Phospho-STAT5 (Tyr694) Rabbit pAb

Purified Rabbit Polyclonal Antibody

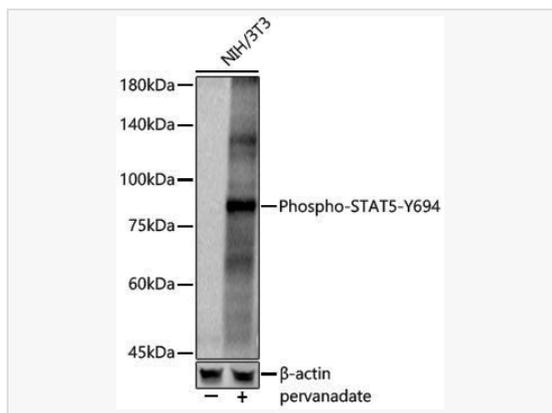
Catalog # P108931

Product Information

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|-------------|---|
| Application | WB, IHC-P/IF (Tissue-P), ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:100~1:500; IHC-P 1:100~1:200 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic phosphorylated peptide around Y694 of human STAT5 (NP_003143.2/NP_036580.2). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-Phospho-STAT5 (Tyr694) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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|---------------|--|
| Synonyms | MGF; STAT5; stat5a/stat5b; Phospho-STAT5-Y694. |
| Calculated MW | Calculated MW: 90 kDa; Observed MW: 90 kDa |
| Uniprot ID | P42229, P51692 |
| Gene ID | 6776, 6777 |
| 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. |



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-STAT5-Y694 Rabbit pAb (P108931) at 1:400 dilution. NIH/3T3 cells were treated by Pervanadate (1 nM) at 37°C for 30 minutes after serum-starvation overnight.

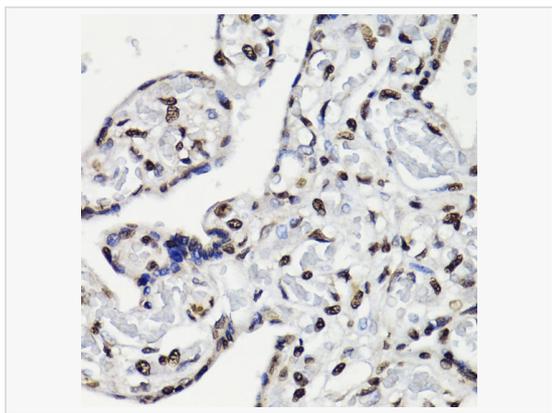
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

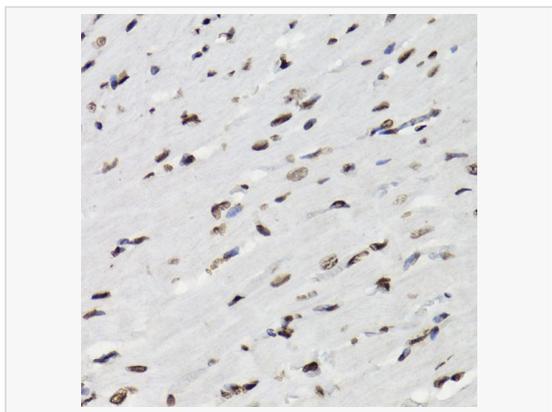
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

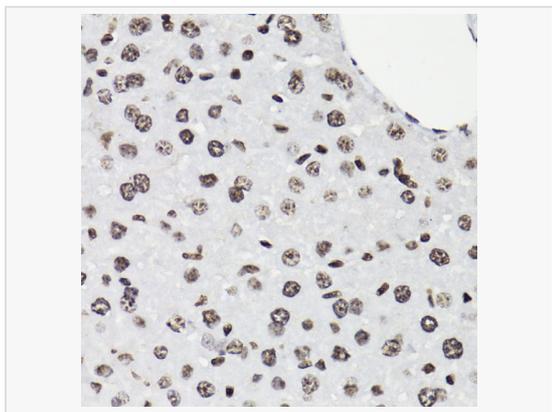
Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human placenta using Phospho-STAT5-Y694 Rabbit pAb (P108931) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat heart using Phospho-STAT5-Y694 Rabbit pAb (P108931) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using Phospho-STAT5-Y694 Rabbit pAb (P108931) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.