Anti-Phospho-STAT5 (Tyr694) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108931

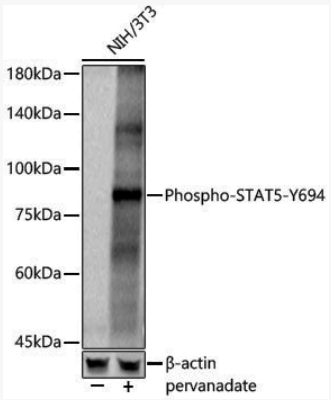
Product Information

Application	WB, IHC-P, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1000-1:10000; 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.

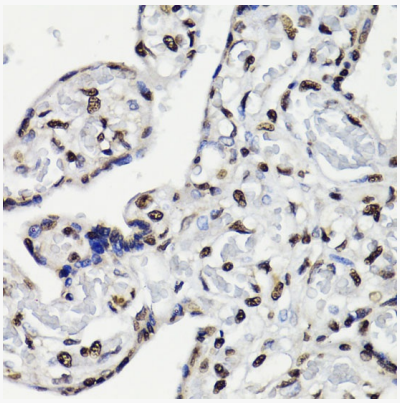
Protein Information

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.

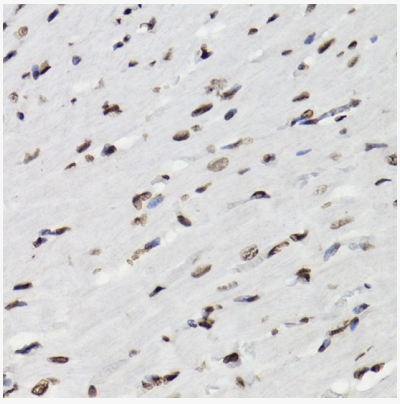
Validation Images



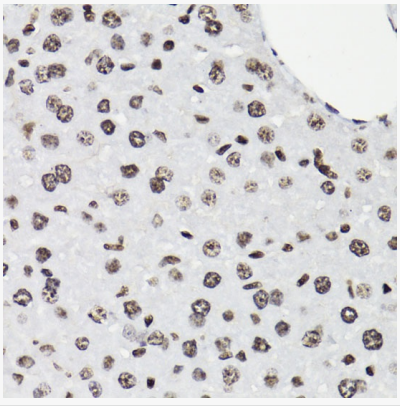
Western blot analysis of lysates from NIH/3T3 cells, using Phospho-STAT5-Y694 Rabbit pAb (P108931) at 1:400 dilution. NIH/3T3 cells were treated by Pervanadate (1 nM) at 37°C for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
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.