

Anti-Phospho-STAT5A/STAT5B-Y694 antibody (STJ11101025)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

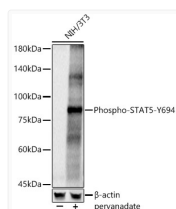
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:100-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 90kDa Observed Mw: 90kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

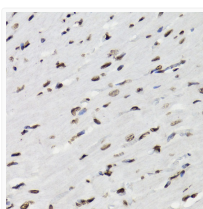
Gene ID	6777 6776
Gene Symbol	STAT5B STAT5A
UniProt ID	STA5B_HUMAN STA5A_HUMAN
Immunogen Sequence	DGYVK
Specificity	A synthetic phosphorylated peptide around Y694 of human STAT5 (NP_003143.2/NP_036580.2).

ADDITIONAL INFORMATION

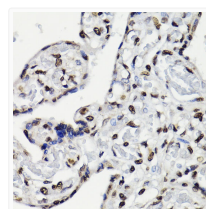
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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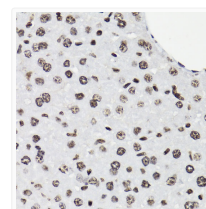
Western blot analysis of lysates from NIH/3T3 cells, using Phospho-STAT5-Y694 Rabbit pAb (STJ11101025) at 1:400 dilution. NIH/3T3 cells were treated by Pervanadate (1 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Rat heart using Phospho-STAT5-Y694 Rabbit pAb (STJ11101025) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0. 01M Tris/EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using Phospho-STAT5-Y694 Rabbit pAb (STJ11101025) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0. 01M Tris/EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using Phospho-STAT5-Y694 Rabbit pAb (STJ11101025) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0. 01M Tris/EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.