

hSTAT5-pY694 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22404a

Specification

hSTAT5-pY694 Antibody - Product Information

Application	WB,E
Primary Accession	P42229
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	90647

hSTAT5-pY694 Antibody - Additional Information

Gene ID 6776

Other Names

Signal transducer and activator of transcription 5A, STAT5A, STAT5

Target/Specificity

This hSTAT5-pY694 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from the human region of human hSTAT5-pY694.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

hSTAT5-pY694 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

hSTAT5-pY694 Antibody - Protein Information

Name STAT5A

Synonyms STAT5

Function Carries out a dual function: 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.

Cellular Location

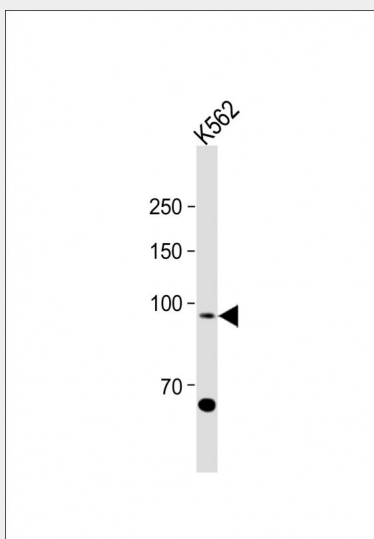
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

hSTAT5-pY694 Antibody - Protocols

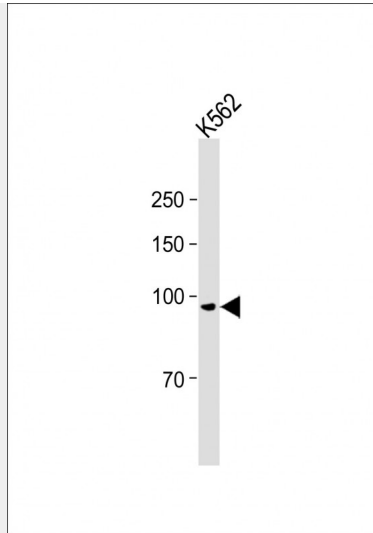
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

hSTAT5-pY694 Antibody - Images



All lanes: Anti-hSTAT5-pY694 Antibody at 1:1000 dilution + K562 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase
conjugated (ASP1615) at 1/15000 dilution. Observed band size: 90 KDa Blocking/Dilution buffer:
5% NFDM/TBST.



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hSTAT5-pY694 Antibody - Background

Carries out a dual function: 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.

hSTAT5-pY694 Antibody - References

Hou J., et al. *Immunity* 2:321-329(1995).
Lin J.X., et al. Submitted (DEC-1995) to the EMBL/GenBank/DDBJ databases.
Tan D., et al. Submitted (APR-2006) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Zody M.C., et al. *Nature* 440:1045-1049(2006).