

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

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**hSTAT5-pY694 Antibody - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">P42229</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>polyclonal</b>
Isotype	<b>Rabbit Ig</b>
Calculated MW	<b>90647</b>

**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

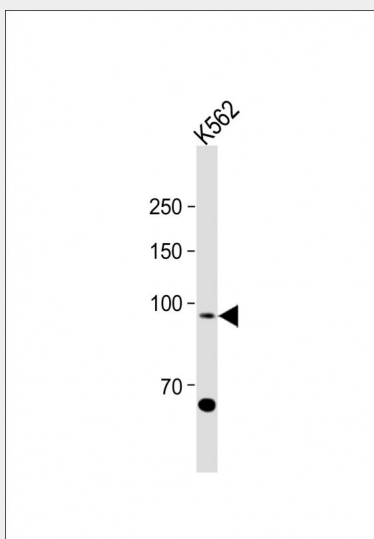
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

#### hSTAT5-pY694 Antibody - Protocols

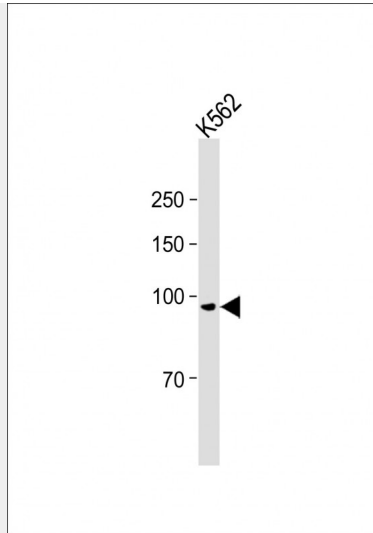
Provided below are standard protocols that you may find useful for product applications.

- [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).