

# hSTAT5-pY694 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22404a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P42229</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit Ig
<b>Clone Names</b>	R02565NP
<b>Calculated MW</b>	90647

## Additional Information

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<b>Gene ID</b>	6776
<b>Other Names</b>	Signal transducer and activator of transcription 5A, STAT5A, STAT5
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	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.
<b>Precautions</b>	hSTAT5-pY694 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	STAT5A
<b>Synonyms</b>	STAT5
<b>Function</b>	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

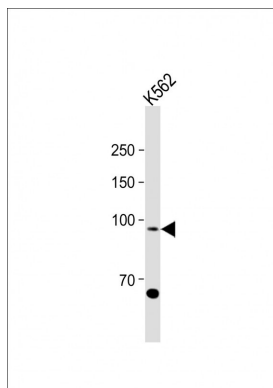
## Background

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.

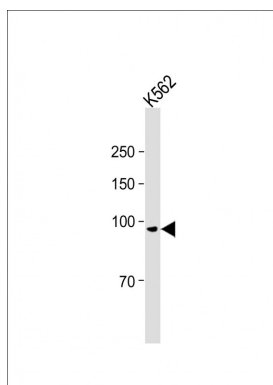
## References

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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).

## 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.



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.