

# STAT5A Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20982c

## Product Information

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Application	WB, IF, E
Primary Accession	<a href="#">P42229</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51472
Calculated MW	90647

## Additional Information

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Gene ID	6776
Other Names	Signal transducer and activator of transcription 5A, STAT5A, STAT5
Target/Specificity	This STAT5A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 730-765 amino acids from the C-terminal region of human STAT5A.
Dilution	WB~~1:1000 IF~~1:25 E~~Use at an assay dependent concentration.
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	STAT5A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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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

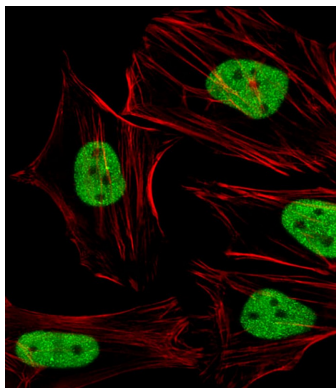
## Background

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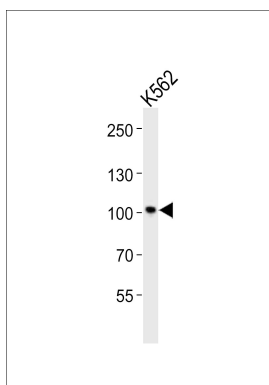
## References

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Tan D.,et al.Submitted (APR-2006) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
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## Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized Hela (Human Cervical epithelial adenocarcinoma cell line) cells labeling STAT5A with AP20982c at 1/25 dilution, followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/400 dilution (green). Confocal image showing nuclear staining on Hela cell line. Cytoplasmic actin is detected with Alexa Fluor® 555 conjugated with Phalloidin (OB16636430) at 1/100 dilution (red).



Western blot analysis of lysate from K562 cell line, using STAT5A Antibody (C-term)(Cat. #AP20982c). AP20982c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

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