

**STAT5A Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21232b**

**Specification**

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**STAT5A Antibody (C-term) - Product Information**

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

**STAT5A Antibody (C-term) - Additional Information**

**Gene ID** 6776

**Target/Specificity**

This STAT5A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 763-797 amino acids from the C-terminal region of human STAT5A.

**Dilution**

WB~~1:2000  
IHC-P~~1:25

**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.

**STAT5A Antibody (C-term) - 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

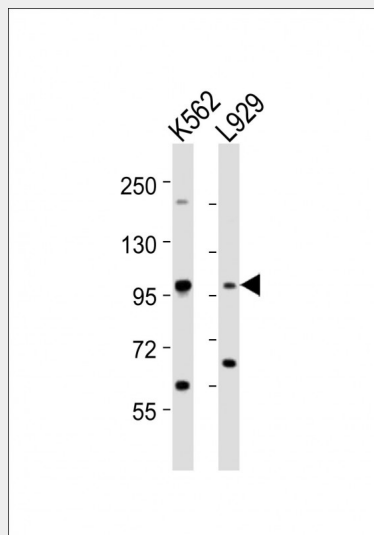
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

### STAT5A Antibody (C-term) - Protocols

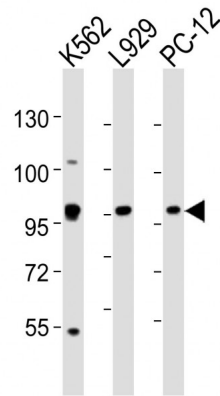
Provided below are standard protocols that you may find useful for product applications.

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

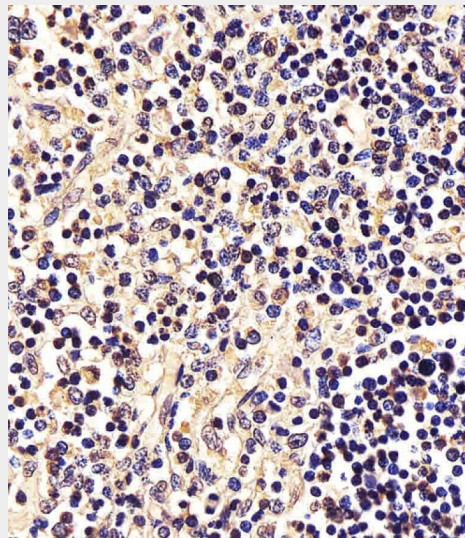
### STAT5A Antibody (C-term) - Images



All lanes : Anti-STAT5A Antibody (C-term) at 1:2000 dilution Lane 1: K562 whole cell lysates Lane 2: L929 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 91 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-STAT5A Antibody (C-term) at 1:2000 dilution Lane 1: K562 whole cell lysates Lane 2: L929 whole cell lysates Lane 3: PC-12 whole cell lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 91 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



AP21232b staining STAT5A in Human thymus tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.