

**STAT5a Polyclonal Antibody**  
**Catalog # AP63603****Specification**

---

**STAT5a Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P42229</a>
Reactivity	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal

**STAT5a Polyclonal Antibody - Additional Information****Gene ID** 6776**Other Names**

Signal transducer and activator of transcription 5A

**Dilution**WB~~Western Blot: 1/500 - 1/2000.IHC-p:1:50-300. Not yet tested in other applications.  
IHC-P~~N/A**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**STAT5a Polyclonal 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**

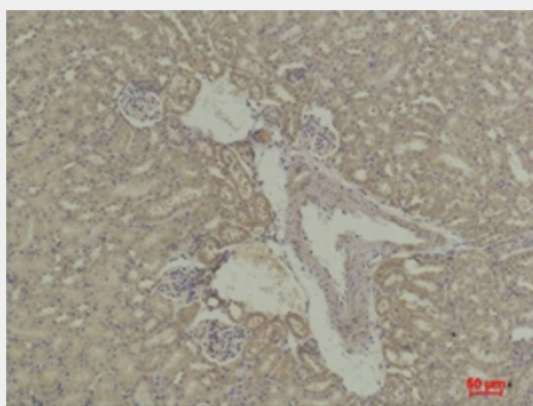
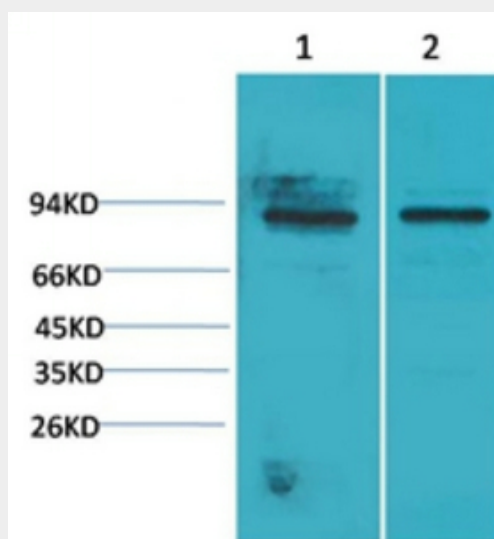
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

**STAT5a Polyclonal 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](#)

#### **STAT5a Polyclonal Antibody - Images**



#### **STAT5a Polyclonal 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.