

### Stat5a Polyclonal Antibody

**Catalog # AP63587** 

# **Specification**

## **Stat5a Polyclonal Antibody - Product Information**

Application WB, IHC-P
Primary Accession P42229
Reactivity Human
Host Rabbit
Clonality Polyclonal

## Stat5a Polyclonal Antibody - Additional Information

**Gene ID 6776** 

**Other Names** 

STAT5A; STAT5; 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** 

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

**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

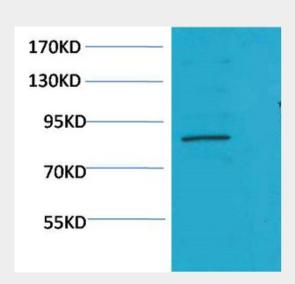
### Stat5a Polyclonal Antibody - Protocols



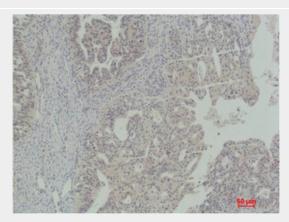
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## Stat5a Polyclonal Antibody - Images



Western blot analysis of K562 using Stat5a Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human Ovarian Carcinoma using Stat5a Polyclonal Antibody.

## 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.