STAT5a Antibody
Rabbit mAb
Catalog # AP90122

Specification

STAT5a Antibody - Product Information

Application	**WB, IHC, FC, ICC, IP**
Primary Accession	P42229
Reactivity	**Rat**
Clonality	**Monoclonal**
Other Names	
MGF; MPF; Mammary gland factor; STA5A; STAT5; STAT5A	
Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**90647 Da**

STAT5a Antibody - Additional Information

Dilution	**WB~~1:1000** **IHC~~1:100~500** **FC~~1:10~50** **ICC~~N/A** **IP~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human STAT5a**
Description	**The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

STAT5a 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.
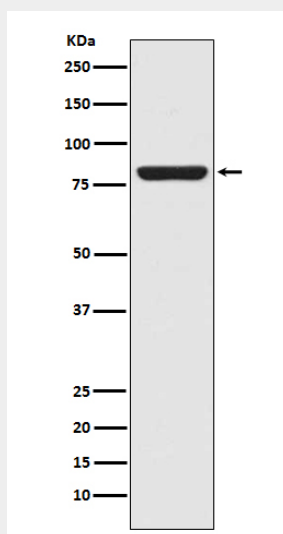
Cellular Location
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

STAT5a 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 Cytomety
- Cell Culture

STAT5a Antibody - Images

Western blot analysis of STAT5a in A431 cell lysate.