

STAT5A (aa681-692) Antibody (internal region)

Peptide-affinity purified goat antibody Catalog # AF3719a

Specification

STAT5A (aa681-692) Antibody (internal region) - Product Information

Application WB, E **Primary Accession** P42229

Other Accession NP 003143.2, 6776, 20850 (mouse), 24918

Reactivity Human

Predicted Mouse, Rat, Dog

Host Goat Clonality **Polyclonal** Concentration 0.5 mg/ml Isotype laG Calculated MW 90647

STAT5A (aa681-692) Antibody (internal region) - Additional Information

Gene ID 6776

Other Names

Signal transducer and activator of transcription 5A, STAT5A, STAT5

Dilution

WB~~1:1000 E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

STAT5A (aa681-692) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

STAT5A (aa681-692) Antibody (internal region) - 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

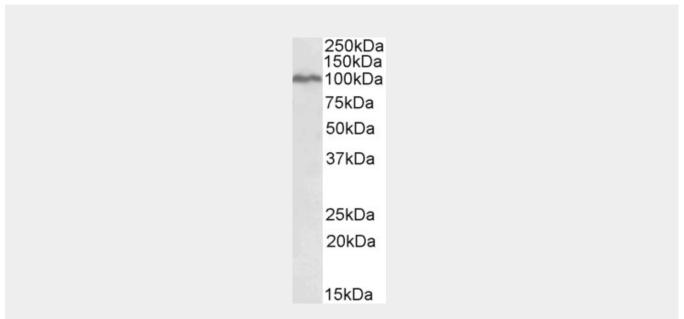
Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

STAT5A (aa681-692) Antibody (internal region) - Protocols

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

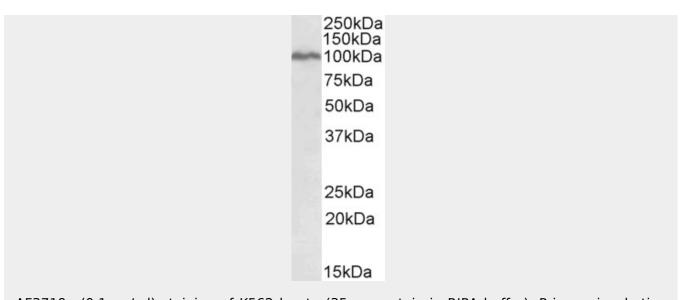
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

STAT5A (aa681-692) Antibody (internal region) - Images



AF3719a (0.1 μ g/ml) staining of K562 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.





AF3719a (0.1 μ g/ml) staining of K562 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

STAT5A (aa681-692) Antibody (internal region) - Background

This antibody is not expected to cross-react with STAT5B.

STAT5A (aa681-692) Antibody (internal region) - References

Src directly tyrosine-phosphorylates STAT5 on its activation site and is involved in erythropoietin-induced signaling pathway. Okutani Y, Kitanaka A, Tanaka T, Kamano H, Ohnishi H, Kubota Y, Ishida T,

Takahara J. Oncogene. 2001 Oct 4;20(45):6643-50. PMID: 11641791