

STAT5A RABBIT PAB

Cat.#: S216260

Product Name: Anti-STAT5A Rabbit Polyclonal Antibody

Synonyms: MGF; STAT5

UNIPROT ID: P42229 (Gene Accession - BC027036)

Background: 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. This protein is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells. Alternatively spliced transcript variants have been found for this gene.

Immunogen: Fusion protein of human STAT5A

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 500-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

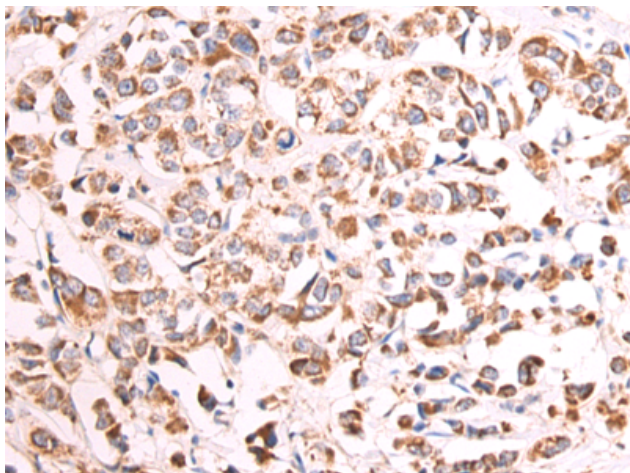
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

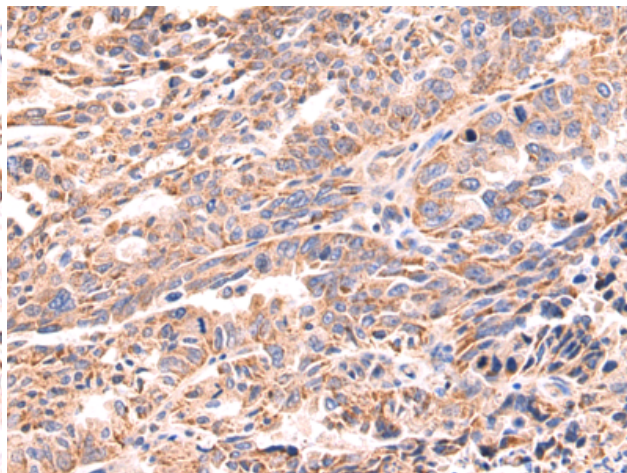
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using 216260(STAT5A Antibody) at a dilution of 1/25(Cytoplasm).



Immunohistochemistry analysis of paraffin-embedded Human ovarian cancer tissue using 216260(Anti-STAT5A Antibody) at a dilution of 1/25.



Gel: 10%SDS-PAGE, Lysate: 30 μ g;
Lane: Human fetal lung tissue lysate;
Primary antibody: 216260(STAT5A Antibody) at dilution 1/450;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 30 seconds