
STAT5 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251511

Unit: 0.1 mg

Description:

Signal transducer and activator of transcription 5A (STAT5) carries out a dual function: signal transduction and activation of transcription. STAT5 is tyrosine phosphorylated in response to IL-2, IL-3, IL-7, IL-15, GM-CSF, growth hormone, prolactin, erythropoietin and thrombopoietin. Phosphorylation results in translocation into the nucleus, where it binds to the GAS element and activates transcription. Tyrosine phosphorylation is required for DNA-binding activity and dimerization. Serine phosphorylation is also required for maximal transcriptional activity.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Signal transducer and activator of transcription 5A; STAT5A; STAT5

Accession No.: P42229

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human STAT5.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.