

STAT3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251107

Unit: 0.1 mg

Description:

STAT3 (Signal transducer and activator of transduction 3) is a transcription factor that binds to the interleukin-6 responsive elements located in the promoter regions of various acute-phase protein genes. STAT3 is activated by IL-31 receptor pathway. Active STAT3 consists in homodimers or heterodimers with family member STAT1 and serine phosphorylation is important for DNA-binding and transcriptional activities. Defects in STAT3 are the cause of hyperimmunoglobulin E recurrent infection syndrome (Job syndrome).

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, P

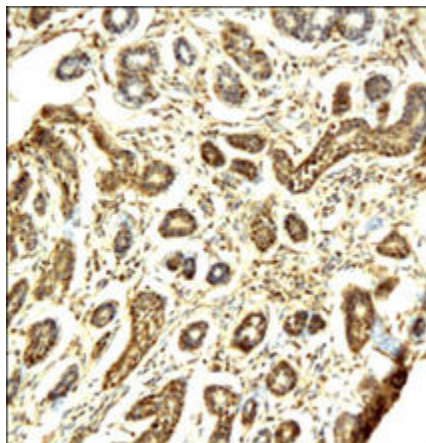
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Signal transducer and activator of transcription 3; Acute-phase response factor; STAT3; APRF

Accession No.: P40763

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human STAT3.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:100-1:500



STAT3 staining in human breast. Paraffin-embedded human breast is stained with STAT3 Antibody (Cat. No. 251107) used at 1:200 dilution.

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.