

Product datasheet for TA319404

Stat1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: ELISA: 1:25,000, WB: 1:500 - 1:2,000

Reactivity: Mouse, Rat

Modifications: Phospho-specific

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: This Protein A purified antibody was prepared from whole rabbit serum produced by

repeated immunizations with a synthetic peptide corresponding to residues surrounding

Y701 in the mouse STAT1 protein.

Formulation: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Concentration: lot specific

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: signal transducer and activator of transcription 1

Database Link: NP 033309

Entrez Gene 25124 RatEntrez Gene 20846 Mouse

Synonyms: DKFZp686B04100; ISGF-3; OTTHUMP00000205845; STAT91

Note: This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. Signal

transducer and activator of transcription 1 (Stat1) belongs to a family of cytoplasmic transcription factors that can be activated (phosphorylated) by a cell surface receptor. Phosphorylation of Stat1 at Tyr701 induces Stat1 dimerization, nuclear translocation and

DNA binding. Stat1 has two isoforms



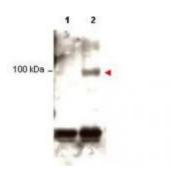
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Product images:



Western blot using Protein A purified anti-Stat1 pY701 antibody shows detection of phosphorylated Stat1 (indicated by arrowhead at ~91 kDa) in K562 cells after 30 min treatment with 1Ku of hIFN-?? (lane 2). No reactivity is seen for non-phosphorylated Stat1 in untreated cells (lane 1). The membrane was probed with the primary antibody at a 1:1,000 dilution at 4°C, overnight. Personal Communication from Ana Gamero, CCR-NCI, Bethesda, MD.