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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11393 - Goat Anti-STAT5A (aa681-692) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MGF, signal transducer and activator of transcription 5A, STAT5, STAT5A

Official Symbol: STAT5A

Accession Number(s): NP_003143.2

Human GeneID(s): [6776](#)

Non-Human GeneID(s): 20850 (mouse), 24918 (rat)

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

Immunogen

Peptide with sequence C-KYYTPVLAKAVD, from the internal region of the protein sequence according to NP_003143.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 100kDa band observed in lysates of cell line K562 (calculated MW of 90.6kDa according to NP_003143.2). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

EB11393 (0.1µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.