

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB09861 - Goat Anti-STAT4 (aa 613-627) Antibody 🏹

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: OTTHUMP00000163553, signal transducer and activator of transcription 4, SLEB11, STAT4 Official Symbol: STAT4 Accession Number(s): NP_003142.1 Human GeneID(s): <u>6775</u>

Immunogen

Peptide with sequence C-DHSESGEVRFHSVEP, from the internal region of the protein sequence according to NP_003142.1.

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.

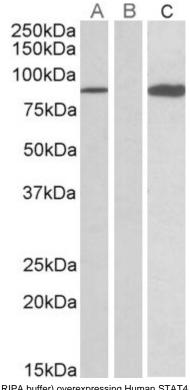
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: In transfected HEK293 transiently expressing full-length Human STAT4 (MYC and DYKDDDDK tagged), a band of approx.85kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Recommended concentration, 0.2-0.5µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Dog, Pig



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human STAT4 (RC206892) with C-terminal MYC tag probed with EB09861 (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB09861 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.