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

EB05901 - Goat Anti-SSA1 / Ro52 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TRIM21, tripartite motif-containing 21, RNF81, RO52, SSA, SSA1, 52kD Ro/SSA autoantigen, 52kDa ribonucleoprotein autoantigen SS-A/Ro, Sicca syndrome antigen A, Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro), Sjogren syndrome antigen A1 (52kDa, ribonucleoprotein autoantigen SS-A/Ro), tripartite motif protein TRIM21, tripartite motif protein 21

Official Symbol: TRIM21

Accession Number(s): NP_003132.2

Human GeneID(s): [6737](#)

Immunogen

Peptide with sequence CPLNIGSQGSTDY, from the C Terminus of the protein sequence according to NP_003132.2.

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 1:16000.

Western blot: In transfected HEK293 transiently expressing full-length Human TRIM21 (myc and DYKDDDDK tagged), a band of approx. 60kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Recommended concentration: 0.2-1µg/ml. Primary incubations were for 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human TRIM21 with C-terminal MYC tag probed with EB05901 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB05901 (1mg/ml) in Lane B. Detected by chemiluminescence.

EB05901 (5µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**