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

EB12177 - Goat Anti-CTCF (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CTCF, CCCTC-binding factor (zinc finger protein), 11 zinc finger transcriptional repressor, 11-zinc finger protein, CTCFL paralog, transcriptional repressor CTCF

Official Symbol: CTCF

Accession Number(s): NP_006556.1

Human GeneID(s): [10664](#)

Non-Human GeneID(s): 13018 (mouse), 83726 (rat)

Important Comments: This antibody is expected to recognize reported isoform 1 (NP_006556.1) only.

Immunogen

Peptide with sequence C-KKSKLRYTEEGKD, from the internal region of the protein sequence according to NP_006556.1.

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 1:4000.

Western blot: Approx 150kDa band observed in lysates of cell line Jurkat and nuclear Jurkat (calculated MW of 82.8kDa according to NP_006556.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.03-0.3µg/ml.

Species Reactivity

Tested: Human

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



EB12177 (0.03 μ g/ml) staining of Jurkat (A) cell lysate and (0.1 μ g/ml) Jurkat (B) nuclear cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence