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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 GenelD(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

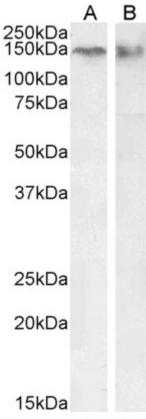
Peptide ELISA: antibody detection limit dilution 1:4000.

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