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# **US Office**

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# 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 GenelD(s): <u>10664</u> 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.

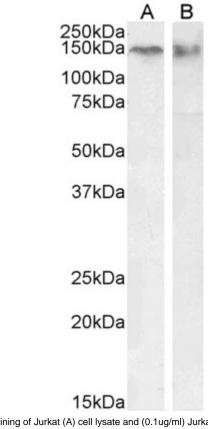
# **Applications Tested**

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:  $0.03-0.3\mu$ g/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