

## Goat anti-CTCF Antibody

<b>Item Number</b>	dAP-3478
<b>Target Molecule</b>	Principle Name: CTCF; Official Symbol: CTCF; All Names and Symbols: CCCTC-binding factor (zinc finger protein); 11 zinc finger transcriptional repressor; 11-zinc finger protein; CTCFL paralog; transcriptional repressor CTCF; Accession Number (s): NP_006556.1 ; Human Gene ID(s): 10664; Non-Human GenID(s): 13018 (mouse) 83726 (rat)
<b>Immunogen</b>	CHLPQNQTDGGE, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	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). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial
<b>IHC</b>	
<b>Reference</b>	Reference(s): Chen Q, Lin L, Smith S, Huang J, Berger SL, Zhou J. CTCF-dependent chromatin boundary element between the latency-associated transcript and ICP0 promoters in the herpes simplex virus type 1 genome. <i>J Virol</i> . 2007 May;81(10):5192-201. Epub 2007 Jan 31.. PMID: 17267480 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**