

Goat anti-CTCF Antibody

Item Number	dAP-3478
Target Molecule	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 GeneID(s): 13018 (mouse) 83726 (rat)
Immunogen	CHLPQNQTDGGE, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	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
IHC	
Reference	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. J Virol. 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 ender users! This product is sold for **Research Use Only**