

Goat anti-CTCF (isoform 1) Antibody

Item Number	dAP-3465
Target Molecule	Principle Name: CTCF (isoform 1); Official Symbol: CTCF; All Names and Symbols: CTCF; 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)
Immunogen	KKS KLRYTEEGKD, is from internal region This antibody is expected to recognize reported isoform 1 (NP_006556.1) only.
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 4000.
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): Lee BK, Iyer VR. Genome-wide studies of CCCTC-binding factor (CTCF) and cohesin provide insight into chromatin structure and regulation. <i>The Journal of biological chemistry</i> 2012 Sep 287 (37): 30906-13.. PMID: 22952237->

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**