

CTCF Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_006556.1

Catalog No. A300-544A

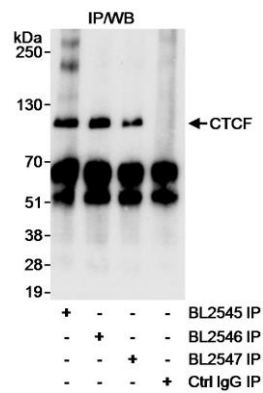
GeneID 10664

Lot No. A300-544A-1



APPLICATIONS	IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Chicken
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to CTCF immobilized on solid support. The epitope recognized by A300-544A maps to a region between residue 700 and the C-terminus (residue 727) of human CCCTC-binding factor using the numbering given in entry NP_006556.1 (GeneID 10664) .Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot Not recommended. Use rabbit anti-CTCF antibody A300-543A. Immunoprecipitation 2 – 5 µg/mg lysate
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
ADDITIONAL INFO	https://www.bethyl.com/product/A300-544A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



immunoprecipitation of human CTCF. *Samples:* Whole cell lysate (1 mg for IP; 1 / 4 of IP loaded / lane) from MCF-7 cells. *Antibodies:* Affinity purified rabbit anti-CTCF antibody BL2547 (Cat. No. A300-544A) used at 3 µg/mg lysate for IP. Human CTCF was also immunoprecipitated using affinity purified rabbit anti-CTCF antibodies BL2545 (Cat. No. A300-542A) and BL2546 (Cat. No. A300-543A). CTCF was blotted using BL2546 at 0.03 µg/ml. *Detection:* Chemiluminescence with exposure times of 10 seconds.