

CBX3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_009207.2

Catalog No. A300-983A

GeneID 11335

Lot No. A300-983A-1



APPLICATIONS	IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse and Orangutan
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 CBX3 immobilized on solid support.

The epitope recognized by A300-983A maps to a region between residue 75 and 125 of human chromobox homolog 3 using the numbering given in entry NP_009207.2 (GeneID 11335).

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 for crude preparations. Use at 1 µg/ml for enriched sources (e.g. Immunoprecipitates) of CBX3.

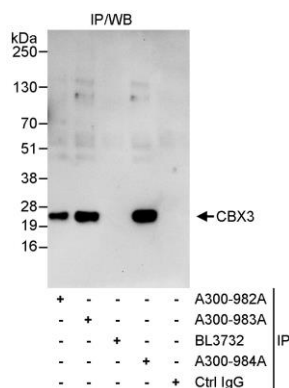
Immunoprecipitation 2 - 5 µg/mg lysate

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 4-12% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO <https://www.bethyl.com/product/A300-983A>

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



Detection of human CBX3 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-CBX3 antibody A300-983A used for IP at 3 μ g/mg lysate. CBX3 was also immunoprecipitated by rabbit anti-CBX3 antibodies A300-982A and A300-984A, which recognize other epitopes. For blotting immunoprecipitated CBX3, A300-983A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.