

COBRA1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_056271.2

Catalog No. A301-912A

GeneID 25920

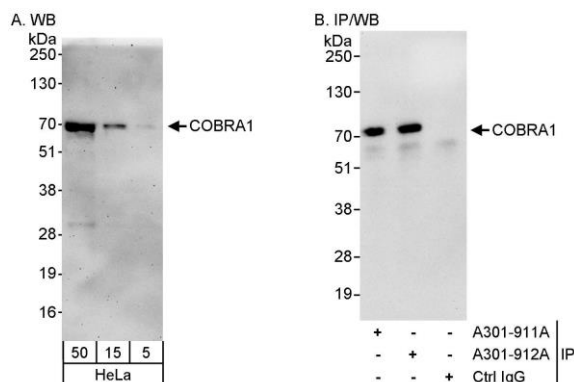
Lot No. A301-912A-1



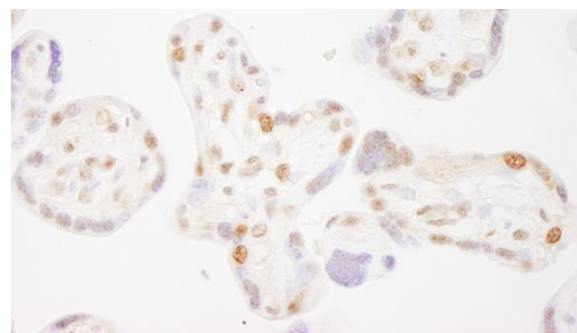
APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human						
AMOUNT	100 µl						
CONCENTRATION	200 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to COBRA1 immobilized on solid support. The epitope recognized by A301-912A maps to a region between residue 530 and 580 of human cofactor of BRCA1 using the numbering given in entry NP_056271.2 (GeneID 25920). 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. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:200 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 5 µg/mg lysate	Immunohistochemistry	1:200 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.						
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, Placenta, Prostate Carcinoma						
ADDITIONAL INFO	https://www.bethyl.com/product/A301-912A 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 COBRA1 by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-COBRA1 antibody A301-912A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. COBRA1 was also immunoprecipitated by rabbit anti-COBRA1 antibody A301-911A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



Detection of human COBRA1 by immunohistochemistry. *Sample:* FFPE section of human placenta. *Antibody:* Affinity purified rabbit anti-COBRA1 (Cat. No. A301-912A) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB