

CHD3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001005273.1

Catalog No. A301-220A

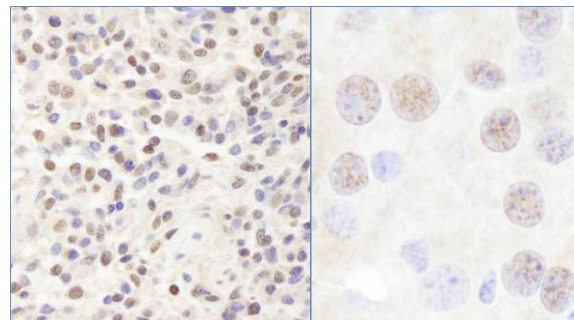
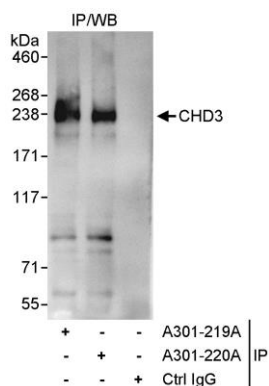
GeneID 1107

Lot No. A301-220A-1



APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human, Mouse
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	<p>Antibody was affinity purified using an epitope specific to CHD3 immobilized on solid support.</p> <p>The epitope recognized by A301-220A maps to a region between residue 1950 and 2000 of human chromodomain helicase DNA binding protein 3 using the numbering given in entry NP_001005273.1 (GeneID 1107).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot Not recommended. Use rabbit anti-CHD3 antibody A301-219A.</p> <p>Immunoprecipitation 2 - 5 µg/mg lysate</p> <p>Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p>
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).
IHC HUMAN CONTROLS	Anaplastic Thyroid Carcinoma, Ewing Sarcoma, Ovarian Carcinoma, Prostate Carcinoma, Skin Basal Cell Carcinoma, Small Cell Lung Cancer
IHC MOUSE CONTROLS	Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A301-220A</p> <p>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</p>

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 CHD3 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-CHD3 antibody A301-220A used for IP at 3 µg/mg lysate. CHD3 was also immunoprecipitated by rabbit anti-CHD3 antibody A301-219A, which recognizes an upstream epitope. For blotting immunoprecipitated CHD3, A301-219A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

Detection of human and mouse CHD3 by immunohistochemistry. *Sample:* FFPE section of human Ewing sarcoma (left) and mouse renal cell carcinoma (right). *Antibody:* Affinity purified rabbit anti-CHD3 (Cat. No. A301-220A) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB