CHD4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-081A

Lot No. A301-081A-6

Protein ID NP_001264.2

GeneID 1108

APPLICATIONS	WB, IP, ChIP-Seq
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	Antibody was affinity purified using an epitope specific to CHD4/Mi2 beta immobilized on solid support. The epitope recognized by A301-081A maps to a region between residue 25 and 75 of human chromodomain helicase DNA binding protein 4 (Mi2 autoantigen 218 kDa protein) using the numbering given in entry NP_001264.2 (GeneID 1108). 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	1:10,000 - 1:25,000
Immunoprecipitation	2 - 10 µg/mg lysate
ChIP-Seq	ChIP-Seq 10 µg as per Ram O et al., Cell. 2011 Dec 23;147(7):1628-39. Previous lots of this antibody have performed in this application.

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

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO Please visit our website for additional product information.

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: July 1, 2019

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