CDK9 Antibody

Rabbit Polyclonal

Antigen Affinity Purified		Protein ID	NP_001252.1
Catalog No.	A303-493A-T	GeneID	1025
Lot No.	A303-493A-T-1		

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine
AMOUNT	20 µl (2 blots)
CONCENTRATION	100 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 CDK9 immobilized on solid support. The epitope recognized by A303-493A-T maps to a region between residue 322 and 372 of human Cyclin-Dependent Kinase 9 using the numbering given in entry NP_001252.1 (GeneID 1025).
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	1:1000
Immunoprecipitation	The antibody contained within A303-493A-T has been qualified for use in immunoprecipitation; however, we recommend using the alternative formulation of this antibody found as product A303-493A.
Immunohistochemistry	1:50 - 1:250. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

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.
ADDITIONAL INFO	https://www.bethyl.com/product/A303-493A-T 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

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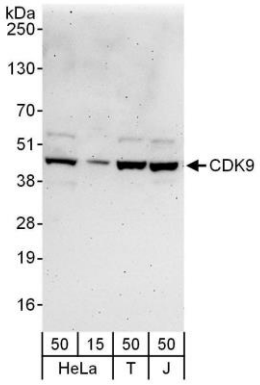

Detection of human CDK9 by western blot. *Samples:* Whole cell lysate from HeLa (15 and 50 µg), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. *Antibody:* Affinity purified rabbit anti-CDK9 antibody A303-493A-T used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

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