

# CDK8 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001251.1

Catalog No. A302-500A

GeneID 1024

Lot No. A302-500A-2



<b>APPLICATIONS</b>	IP
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Mouse, <i>X. laevis</i> and <i>X. tropicalis</i>
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to CDK8 immobilized on solid support.

The epitope recognized by A302-500A maps to a region between residue 370 and 420 of human cyclin-dependent kinase 8 using the numbering given in entry NP\_001251.1 (GeneID 1024).

Antibody 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. Use rabbit anti-CDK8 antibody A302-501A.

Immunoprecipitation 2 – 10 µg/mg lysate

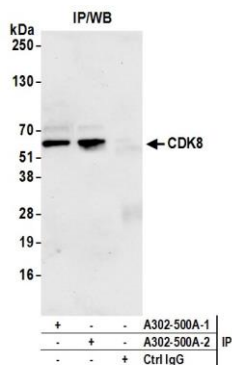
**IHC HUMAN CONTROLS** Breast Carcinoma, Colon Carcinoma

**ADDITIONAL INFO** <https://www.bethyl.com/product/A302-500A>

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](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: July 28, 2020



**Detection of human CDK8 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CDK8 antibody A302-500A (lot A302-500A-2) used for IP at 6  $\mu$ g per reaction. CDK8 was also immunoprecipitated by a previous lot of this antibody (lot A302-500A-1). For blotting immunoprecipitated CDK8, A302-500A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.