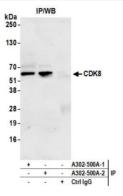
## **CDK8** Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 001251.1 A302-500A 1024 Catalog No. GenelD Lot No. A302-500A-2 0 APPLICATIONS IP SPECIES REACTIVITY Human PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse, X. laevis and X. tropicalis AMOUNT 100 ul CONCENTRATION 1000 µa/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 IqG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to CDK8 immobilized on solid PROCEDURES 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 $2 - 10 \mu g/mg$ 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.

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

IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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## 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 µg 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 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.