

Rad21 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_006256.1

Catalog No. A300-080A GeneID 5885

Lot No. A300-080A-10

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine
AMOUNT	100 µl
CONCENTRATION	200 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 Rad21 immobilized on solid support.

The epitope recognized by A300-080A maps to a region between residue 575 and the C-terminus (residue 631) human Rad21 homolog using the numbering given in entry NP_006256.1 (GeneID 5885).

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 1:1,000 – 1:5,000

Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A300-080A>

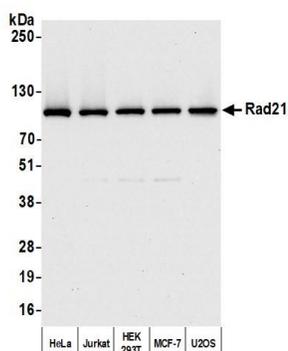
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

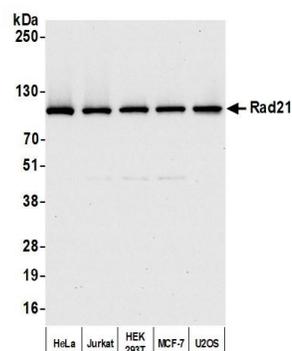
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

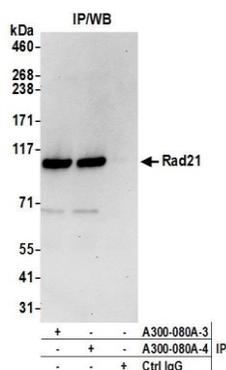
Date: April 28, 2022



Detection of mouse Rad21 by western blot. *Samples:* Whole cell lysate (10 μ g) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Rad21 antibody (A300-080A lot 10) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human Rad21 by western blot. *Samples:* Whole cell lysate (10 μ g) from HeLa, Jurkat, HEK293T, MCF-7, and U2OS cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Rad21 antibody A300-080A (lot A300-080A-10) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human Rad21 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Rad21 antibody (A300-080A lot 10) used for IP at 6 μ g per reaction. Rad21 was also immunoprecipitated by a previous lot of this antibody (A300-080A lot 9) and a second antibody against a different epitope of Rad21 (A700-052). For blotting immunoprecipitated Rad21, A300-080A was used at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.