

RAF1 /c-RAF Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_002871.1

Catalog No. A301-519A

GeneID 5894

Lot No. A301-519A-2



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, Bovine and Orangutan
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 RAF1 /c-RAF immobilized on solid support.

The epitope recognized by A301-519A maps to a region between residue 598 and 648 of human v-raf-1 murine leukemia viral oncogene homolog 1 using the numbering given in entry NP_002871.1 (GeneID 5894).

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.

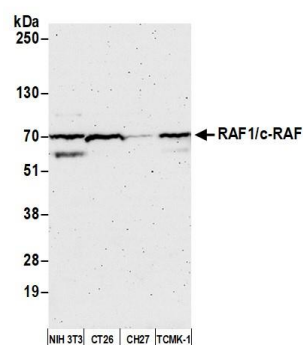
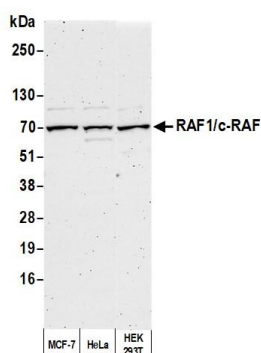
Western Blot 1:2,000 - 1:10,000

Immunoprecipitation 2 - 5 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A301-519A>

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.
Brian McWilliams, PhD Date: December 14, 2020

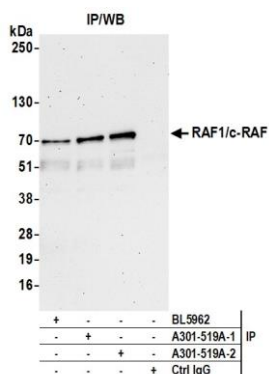


Detection of human RAF1 /c-RAF by western blot.

Samples: Whole cell lysate (50 µg) from MCF-7, HeLa, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RAF1 /c-RAF antibody (A301-519A Lot 2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

Detection of mouse RAF1 /c-RAF by western blot.

Samples: Whole cell lysate (50 µg) from NIH 3T3, CT26, CH27, and TCMK-1 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RAF1 /c-RAF antibody (A301-519A Lot 2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human RAF1 /c-RAF 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-RAF1 /c-RAF antibody (A301-519A Lot 2) used for IP at 4 µg per reaction. RAF1 /c-RAF was also immunoprecipitated by a previous lot of this antibody (A301-519A Lot 1) and rabbit anti-RAF1 /c-RAF (BL5962). For blotting immunoprecipitated RAF1 /c-RAF, A301-519A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.