MKRN1 Antibody

Rabbit Polyclonal
Antigen Affinity Purified

Catalog No. A300-990A
Lot No. A300-990A-2

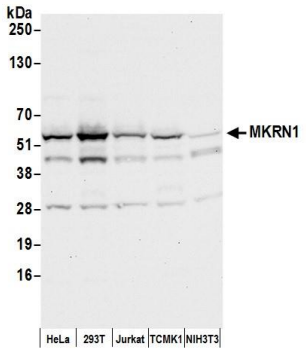
Protein ID NP_038474.1
GeneID 23608

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse
AMOUNT	100 µl
CONCENTRATION	1000 µg/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	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to MKRN1 immobilized on solid support. The epitope recognized by A300-990A maps to a region between residue 432 and the C-terminus (residue 482) of human makorin, ring finger protein, 1 using the numbering given in entry NP_038474.1 (GeneID 23608). 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.

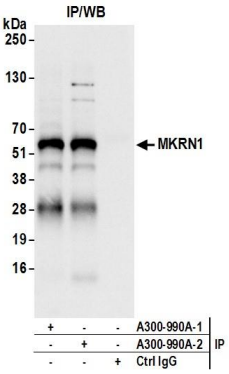
Western Blot	1:2,000 - 1:10,000
Immunoprecipitation	2 - 10 µg/mg lysate

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.
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, Testicular Seminoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-990A 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 24, 2019



Detection of human and mouse MKRN1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-MKRN1 antibody A300-990A (lot A300-990A-2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human MKRN1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-MKRN1 antibody A300-990A (lot A300-990A-2) used for IP at 6 µg per reaction. MKRN1 was also immunoprecipitated by a previous lot of this antibody (lot A300-990A-1). For blotting immunoprecipitated MKRN1, A300-990A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.