

ADAM9 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_003807.1

Catalog No. A304-382A

GeneID 8754

Lot No. A304-382A-1



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, 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 ADAM9 immobilized on solid support.

The epitope recognized by A304-382A maps to a region between residue 400 to 450 of human ADAM Metallopeptidase Domain 9 using the numbering given in entry NP_003807.1 (GeneID 8754).

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 1:10,000 – 1:25,000

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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

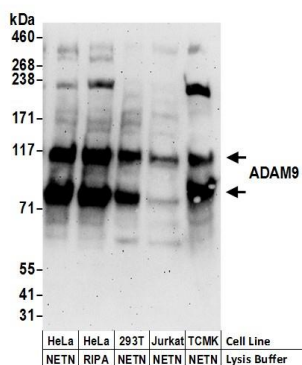
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A304-382A>

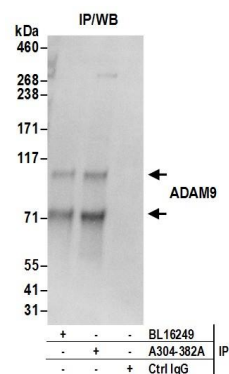
Use the link above to view SDS, a current list of citations, and other product specific information.

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 21, 2019



Detection of human and mouse ADAM9 by western blot.
Samples: Whole cell lysate (50 µg) prepared using NETN or RIPA buffer from HeLa, HEK293T, Jurkat, and mouse TCMK-1 cells. *Antibodies:* Affinity purified rabbit anti-ADAM9 antibody A304-382A (lot A304-382A-1) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human ADAM9 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using RIPA buffer from HeLa cells. *Antibodies:* Affinity purified rabbit anti-ADAM9 antibody A304-382A (lot A304-382A-1) used for IP at 6 µg per reaction. ADAM9 was also immunoprecipitated by rabbit anti-ADAM9 antibody BL16249. For blotting immunoprecipitated ADAM9, A304-382A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.