

MAML3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_061187.2

Catalog No. A300-683A

GeneID 55534

Lot No. A300-683A-2



APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human

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 MAML3 immobilized on solid support.

The epitope recognized by A300-683A maps to a region between residue 150 and 200 of human Mastermind-Like 3 using the numbering given in entry NP_061187.2 (GeneID 55534).

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

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

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.

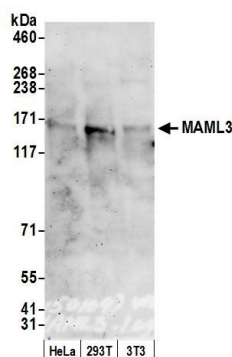
IHC HUMAN CONTROLS Breast Carcinoma, Prostate Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-683A>

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

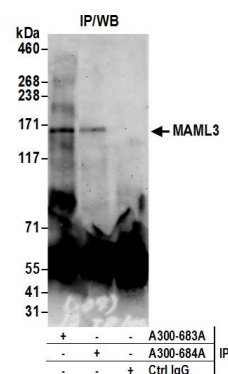


Detection of human and mouse MAML3 by western blot.

Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer.

Antibody: Affinity purified rabbit anti-MAML3 antibody A300-683A (lot A300-683A-2) used for WB at 0.1 µg/ml.

Detection: Chemiluminescence with an exposure time of 3 minutes.

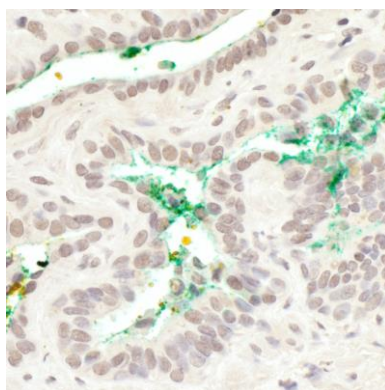


Detection of human MAML3 by western blot of immunoprecipitates.

Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer.

Antibodies: Affinity purified rabbit anti-MAML3 antibody A300-683A (lot A300-683A-2) used for IP at 6 µg per reaction. MAML3 was also immunoprecipitated by rabbit anti-MAML3 antibody A300-684A. For blotting immunoprecipitated MAML3, A300-683A was used at 1 µg/ml.

Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human MAML3 by immunohistochemistry.

Sample: FFPE section of human prostate carcinoma.

Antibody: Affinity purified rabbit anti-MAML3 (Cat. No. A300-683A Lot2) used at a dilution of 1:1,000 (1 µg/ml).

Detection: DAB