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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ASH2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-489A

Lot No. A300-489A-2

Protein ID Q9UBL3

GeneID 9070

APPLICATIONS	WB, IP, IHC, ChIP, ChIP-chip
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 ASH2 immobilized on solid support. The epitope recognized by A300-489A maps to a region between residue 575 and the C-terminus (residue 628) of human Absent, Small, or Homeotic-Like 2 using the numbering given in Swiss-Prot entry Q9UBL3 (GeneID 9070). 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.

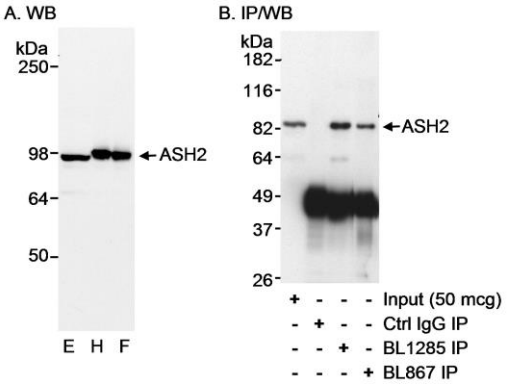
Western Blot	1:2,000 - 1:20,000
Immunoprecipitation	2 - 5 µg/mg lysate
Immunohistochemistry	1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
ChIP	1 - 5 µg. Previous lots of this antibody have performed in this application.
ChIP-chip	10 µg. Previous lots of this antibody have performed in this application.

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	Prostate Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-489A 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

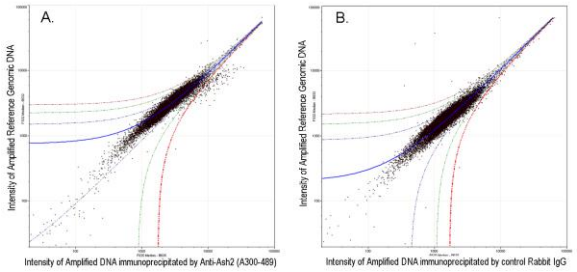
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

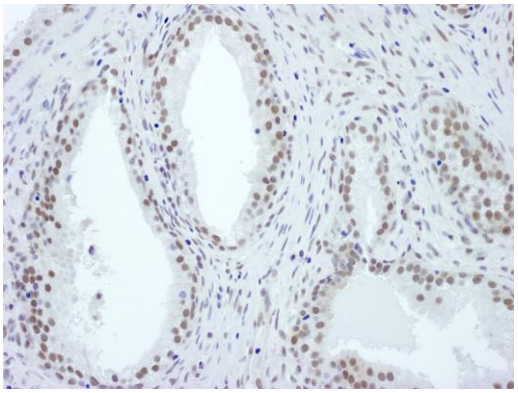
Date: June 21, 2019



Detection of human ASH2 by western blot and immunoprecipitation. *Samples:* A. Whole cell lysate from HEK293T cells that were mock transfected (E, 50 µg) or transfected with ASH2 expression constructs containing HA-tagged ASH2 (H, 25 µg) or Flag-tagged ASH2 (F, 25 µg). B. Whole cell lysate from one 10cm plate of normal 293T cells (~1 mg protein; 1/2 of IP loaded/lane). *Antibodies:* Affinity purified rabbit anti-ASH2 antibody A300-489A used at 1 µg/ml for WB (A and B) and at 5 µg/plate for IP. ASH2 was also immunoprecipitated with rabbit anti-ASH2 antibody A300-107A using 5 µg/plate. *Detection:* Chemiluminescence with an exposure time of 1 second (A and B).



ChIP-chip scatter plot of anti-Ash2 enriched DNA binding sites versus input reference DNA. A. 10 µg of A300-489A was used to immunoprecipitate chromatin from K-562 cells according to Ren et al (Genes Dev. 2002 16: 245-256). immunoprecipitatesd DNA and reference DNA were amplified via ligation-mediated PCR and the products labeled with fluorescent dNTPs. The labeled ChIP and reference DNA were pooled, hybridized to a DNA microarray, and analyzed. Data points below the +3 SD curve (red line) represent significantly enriched binding sites. B. As a control, a similar experiment was performed using normal rabbit IgG. Compared to the anti-Ash2 ChIP, normal rabbit IgG showed little enrichment.



Detection of human ASH2 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti- ASH2 (Cat. No. A300-489A Lot2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB