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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		RefSeq ID	NP_004665.1
Catalog No.	A300-489A-T	Uniprot ID	Q9UBL3
Lot No.	2	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 10 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 using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

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	1:2000 - 1:20,000
Immunoprecipitation	6 µg/mg lysate
Immunohistochemistry	1:500 - 1:2000. 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.

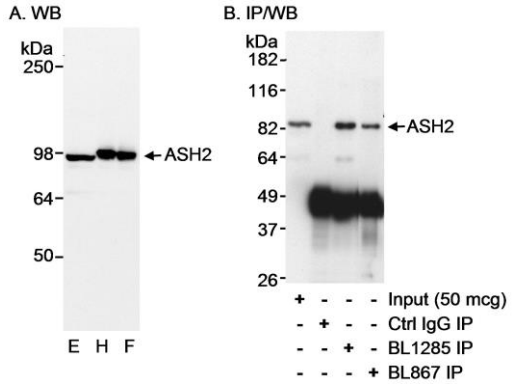
IHC HUMAN CONTROLS Prostate Carcinoma

ADDITIONAL INFO https://www.fortislife.com/p/A300-489A-T

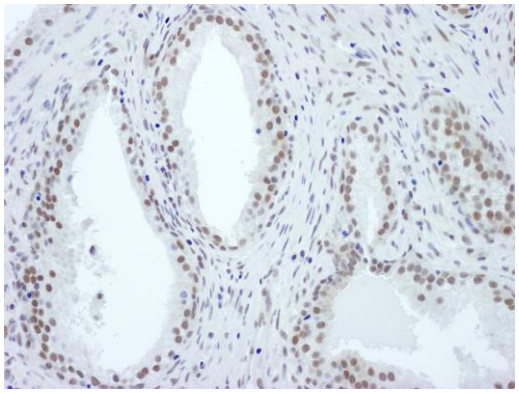
Use the link above to view SDS, a current list of citations, and other product specific information.

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

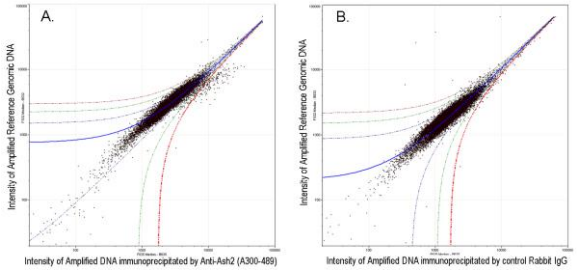
Michael Spencer, PhD Date: January 31, 2024



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).



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



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). Immunoprecipitated 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.