



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# SMAR1 /BANP Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q96GJ7

Catalog No. A300-279A

GeneID 54971

Lot No. A300-279A-4

<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Bovine
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to SMAR1 /BANP immobilized on solid support.

The epitope recognized by A300-279A maps to a region between residue 425 and the C-terminus (residue 469) of human BTG3 associated nuclear protein using the numbering given in TrEMBL entry Q96GJ7 (GeneID 54971).

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 1:10,000 – 1:25,000

Immunoprecipitation 1:500 – 1:2,500

Immunohistochemistry 1:2,000 – 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

**IHC HUMAN CONTROLS** Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma

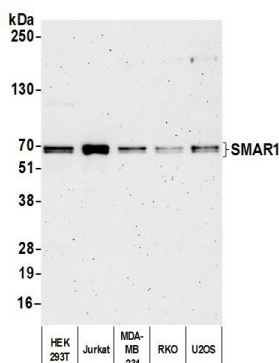
**IHC MOUSE CONTROLS** Renal Cell Carcinoma, Teratoma

**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-279A>

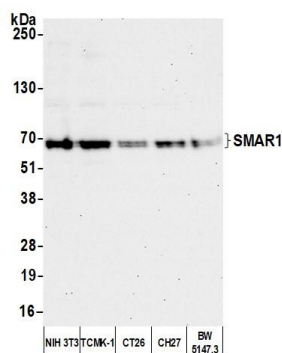
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

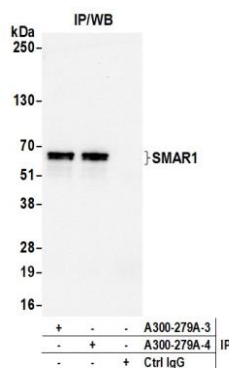
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: March 18, 2022



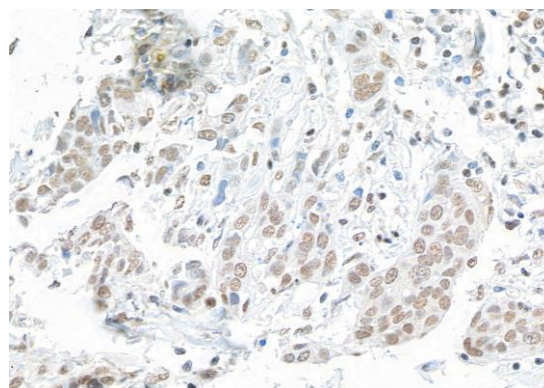
**Detection of human SMAR1 by western blot.** *Samples:* Whole cell lysate (10 µg) from HEK293T, Jurkat, MDA-MB-231, RKO, and U2OS cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-SMAR1 antibody (A300-279A lot 4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of mouse SMAR1 by western blot.** *Samples:* Whole cell lysate (25 µg) from NIH 3T3, TCMK-1, CT26, CH27, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-SMAR1 antibody (A300-279A lot 4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human SMAR1 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-SMAR1 antibody (A300-279A lot 4) used for IP at 6 µg per reaction. SMAR1 was also immunoprecipitated by a previous lot of this antibody (A300-279A lot 3). For blotting immunoprecipitated SMAR1, A300-279A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



**Detection of human SMAR1 by immunohistochemistry.** *Sample:* FFPE section of human breast carcinoma. *Antibodies:* Affinity purified rabbit anti-SMAR1 (A300-279A Lot 4) used at dilution of 1:5,000 (0.2 µg/ml). *Detection:* DAB