

# TRIP4/ASC-1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	Protein ID	NP_057297.2
Catalog No. A300-843A	GeneID	9325
Lot No. A300-843A-4		

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<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human, Mouse
<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 TRIP4/ASC-1 immobilized on solid support.

The epitope recognized by A300-843A maps to a region between residue 225 and 275 of human Thyroid Hormone Receptor Interactor 4 (Activating Signal Cointegrator 1) using the numbering given in entry NP\_057297.2 (GeneID 9325).

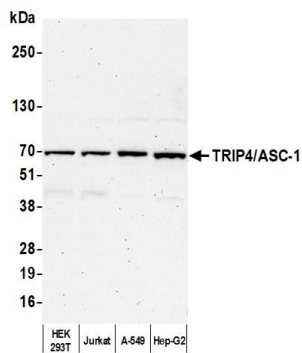
Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

**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

**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-843A>  
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

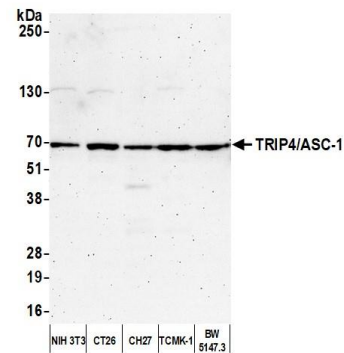


**Detection of human TRIP4/ASC-1 by western blot.**

*Samples:* Whole cell lysate (25 µg) from HEK293T, Jurkat, A-549, and Hep-G2 cells prepared using NETN lysis buffer.

*Antibody:* Affinity purified rabbit anti-TRIP4-ASC-1 antibody (A300-843A lot 4) used for WB at 0.1 µg/ml.

*Detection:* Chemiluminescence with an exposure time of 75 seconds.

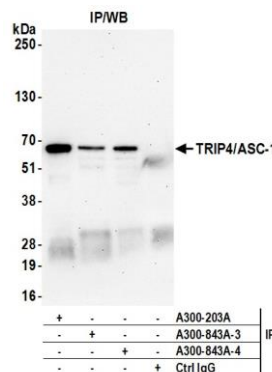


**Detection of mouse TRIP4/ASC-1 by western blot.**

*Samples:* Whole cell lysate (25 µg) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer.

*Antibody:* Affinity purified rabbit anti-TRIP4/ASC-1 antibody (A300-843A lot 4) used for WB at 0.1 µg/ml.

*Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human TRIP4/ASC-1 by western blot of immunoprecipitates.**

*Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-TRIP4/ASC-1 antibody (A300-843A lot 4) used for IP at 6 µg per reaction. TRIP4/ASC-1 was also immunoprecipitated by a previous lot of this antibody (A300-843A lot 3) and a second antibody against a different epitope of TRIP4/ASC-1 (A300-203A). For blotting immunoprecipitated TRIP4/ASC-1, A300-843A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.