

# TBC1D9 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_055945.1

Catalog No. A301-028A

GeneID 23158

Lot No. A301-028A-2



<b>APPLICATIONS</b>	IP
<b>SPECIES REACTIVITY</b>	Human
<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 TBC1D9 immobilized on solid support.

The epitope recognized by A301-028A maps to a region between residue 1118 and the C-terminus (residue 1168) of human TBC1 domain family, member 9 using the numbering given in entry NP\_055945.1 (GeneID 23158).

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 Not recommended. A301-028A performs well with enriched sources (e.g. immunoprecipitation reactions) of TBC1D9/MDR1. Has not performed reliably for whole cell lysate.

Immunoprecipitation 2 – 10 µg/mg lysate

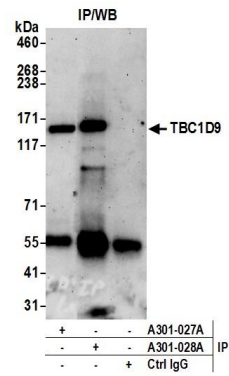
**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-028A>

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.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



**Detection of human TBC1D9 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-TBC1D9 antibody A301-028A (lot A301-028A-1) used for IP at 6  $\mu$ g per reaction. TBC1D9 was also immunoprecipitated by rabbit anti-TBC1D9 antibody A301-027A. For blotting immunoprecipitated TBC1D9, A301-028A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.