

ACOT9 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q9Y305.2

Catalog No. A305-797A-T

GeneID 23597

Lot No. A305-797A-T-1

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
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 ACOT9 immobilized on solid support.

The epitope recognized by A305-797A-T maps to a region between residue 389 and 439 of human Acyl-coenzyme A thioesterase 9, mitochondrial using the numbering given in entry Q9Y305.2 (GeneID 23597).

Antibody 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.

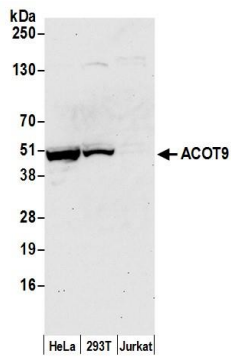
Western Blot 1:10,000 – 1:25,000

Immunoprecipitation 50-100 µl/mg lysate

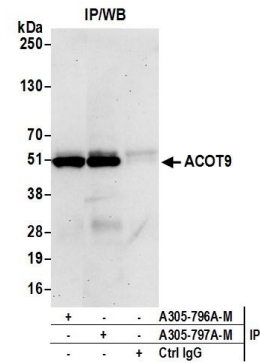
ADDITIONAL INFO <https://www.bethyl.com/product/A305-797A-T>

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.
Michael Spencer, PhD Date: June 6, 2022



Detection of human ACOT9 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-ACOT9 antibody A305-797A-T (lot A305-797A-T-1) used for WB at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human ACOT9 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-ACOT9 antibody A305-797A-T (lot A305-797A-T-1) used for IP at 100 µl per reaction. ACOT9 was also immunoprecipitated by rabbit anti-ACOT9 antibody A305-796A-T. For blotting immunoprecipitated ACOT9, A305-797A-T was used at 1:100. *Detection:* Chemiluminescence with an exposure time of 30 seconds.