ASCT2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A304-352A

Lot No. A304-352A-1

Protein ID NP_005619.1

GeneID 6510

APPLICATIONS	IP
SPECIES REACTIVITY	Human
AMOUNT	100 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 ASCT2 immobilized on solid support. The epitope recognized by A304-352A maps to a region between residue 1 to 50 of human Sodium-Dependent Neutral Amino Acid Transporter Type 2 using the numbering given in entry NP_005619.1 (GeneID 6510). 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	Not recommended. Use rabbit anti-ASCT2 antibody A304-353A.
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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
ADDITIONAL INFO	https://www.bethyl.com/product/A304-352A 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.

Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019

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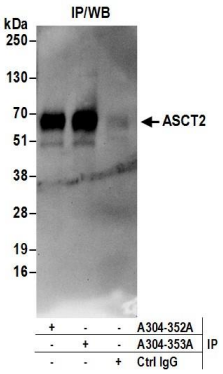

Detection of human ASCT2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells. *Antibodies:* Affinity purified rabbit anti-ASCT2 antibody A304-352A (lot A304-352A-1) used for IP at 6 µg per reaction. ASCT2 was also immunoprecipitated by rabbit anti-ASCT2 antibody A304-353A. For blotting immunoprecipitated ASCT2, A304-353A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

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