

CerS2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_071358.1

Catalog No. A303-193A

GeneID 29956

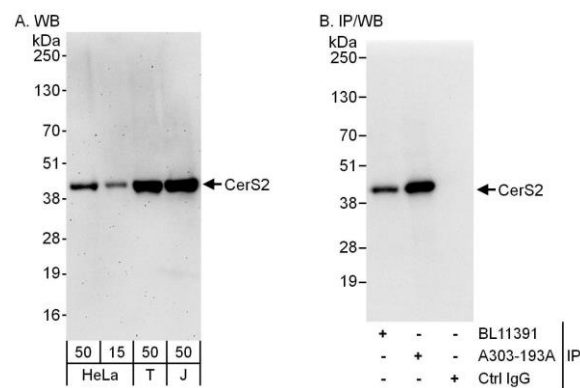
Lot No. A303-193A-1



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to CerS2 immobilized on solid support. The epitope recognized by A303-193A maps to a region between residue 330 and 380 of human Ceramide Synthase 2 using the numbering given in entry NP_071358.1 (GeneID 29956). 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 1:2,000 – 1:10,000 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). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A303-193A 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



Detection of human CerS2 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-CerS2 antibody A303-193A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. CerS2 was also immunoprecipitated by rabbit anti-CerS2 antibody BL11391, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 3 seconds (B).