

Synaptojanin 2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_003889.1

Catalog No. A303-962A

GeneID 8871

Lot No. A303-962A-1



APPLICATIONS	WB, 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 Synaptojanin 2 immobilized on solid support.

The epitope recognized by A303-962A maps to a region between residue 1275 to 1325 of human Synaptojanin 2 using the numbering given in entry NP_003889.1 (GeneID 8871).

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 1:500 – 1:2,500

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).

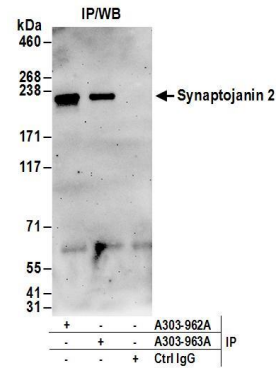
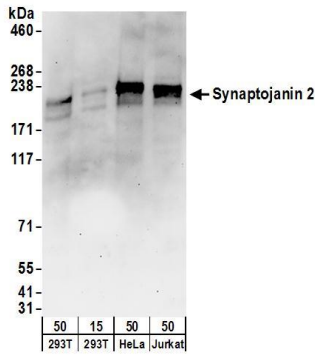
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A303-962A>

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 Synaptojanin 2 by western blot.
Samples: Whole cell lysate from HEK293T (15 and 50 µg), HeLa (50µg), and Jurkat (50µg) cells. *Antibodies:* Affinity purified rabbit anti-Synaptojanin 2 antibody A303-962A (lot A303-962A-1) used for WB at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

Detection of human Synaptojanin 2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. *Antibodies:* Affinity purified rabbit anti-Synaptojanin 2 antibody A303-962A (lot A303-962A-1) used for IP at 6 µg/mg lysate. Synaptojanin 2 was also immunoprecipitated by rabbit anti-Synaptojanin 2 antibody A303-963A. For blotting immunoprecipitated Synaptojanin 2, A303-962A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.