

# TJP3/ZO-3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID O95049.2

Catalog No. A304-925A

GeneID 27134

Lot No. A304-925A-1



**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 TJP3/ZO-3 immobilized on solid support.

The epitope recognized by A304-925A maps to a region between residue 325 to 375 of human Tight junction protein ZO-3 using the numbering given in entry O95049.2 (GeneID 27134).

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-TJP3/ZO-3 antibody A304-926A.

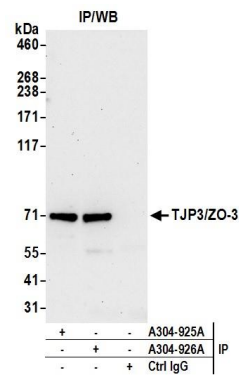
Immunoprecipitation 2 - 10 µg/mg lysate

**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/A304-925A>

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 TJP3/ZO-3 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-TJP3/ZO-3 antibody A304-925A (lot A304-925A-1) used for IP at 6 µg per reaction. TJP3/ZO-3 was also immunoprecipitated by rabbit anti-TJP3/ZO-3 antibody A304-926A. For blotting immunoprecipitated TJP3/ZO-3, A304-925A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.