TJP1/ZO-1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q07157.3

Catalog No. A304-784A-M GenelD 7082

Lot No. A304-784A-M-1

APPLICATIONS WB, IP
SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Dog

AMOUNT 100 μl (10 blots)

CONCENTRATION 100 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 Antibody was affinity purified using an epitope specific to TJP1/ZO-1 immobilized on solid

PROCEDURES support.

The epitope recognized by A304-784A-M maps to a region between residue 950 to 1000 of human Tight junction protein ZO-1 using the numbering given in entry Q07157.3 (GeneID 7082).

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 1:1000

Immunoprecipitation The antibody contained within A304–784A–M has been gualified for

use in immunoprecipitation; however, we recommend using the alternative formulation of this antibody found as product A304–784A.

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100-020).

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/A304-784A-M

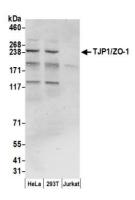
Use the link above to view SDS, a current list of citations, and other product specific information.

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 TJP1/ZO-1 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-TJP1/ZO-1 antibody A304-784A-M (lot A304-784A-M-1) used for WB at 1:1000. Detection: Chemiluminescence with an exposure time of 30 seconds.