

ZO-2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_004808.2

Catalog No. A303-751A-T GeneID 9414

Lot No. A303-751A-T-1

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Dog
AMOUNT	10 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 ZO-2 immobilized on solid support.

The epitope recognized by A303-751A-T maps to a region between residue 900 and 950 of human Zonula Occludens Protein 2 using the numbering given in entry NP_004808.2 (GeneID 9414).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

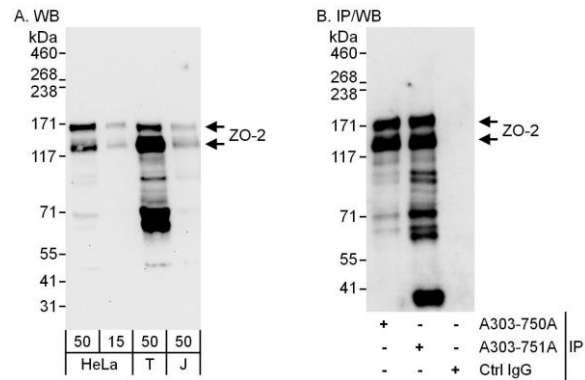
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A303-751A-T>

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.
Michael Spencer, PhD Date: June 6, 2022



Detection of human ZO-2 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-ZO-2 antibody A303-751A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. ZO-2 was also immunoprecipitated by rabbit anti-ZO-2 antibody A303-750A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).