

PDIA3/ERp57 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID P30101.4

Catalog No. A305-257A

GeneID 2923

Lot No. A305-257A-1



APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine and Orangutan
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 PDIA3/ERp57 immobilized on solid support.

The epitope recognized by A305-257A maps to a region between residue 25 to 75 of human Protein disulfide-isomerase A3 using the numbering given in entry P30101.4 (GeneID 2923).

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 Not recommended

Immunohistochemistry 1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

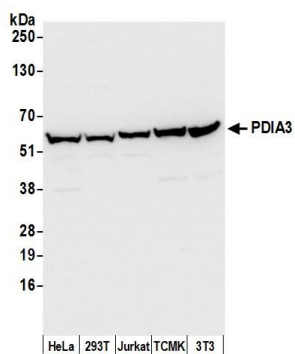
APPLICATION NOTES Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

IHC HUMAN CONTROLS Colon Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A305-257A>

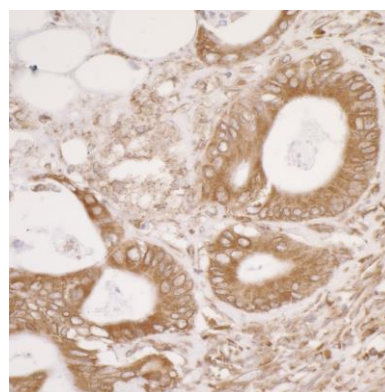
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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human and mouse PDIA3 by western blot.

Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PDIA3 antibody A305-257A (lot A305-257A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human PDIA3 by immunohistochemistry.

Sample: FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-PDIA3 (Cat. No. A305-257A Lot1) used at a dilution of 1:5,000 (0.2 µg/ml). *Detection:* DAB. *Counterstain:* IHC Hematoxylin (blue).