

## Rabbit anti-Human PDIA4 Polyclonal Antibody | anti-PDIA4 antibody

PDIA4 Antibody (N-term)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA289587 | Rabbit | Human      | Immunohistochemistry, ELISA, Western Blot |

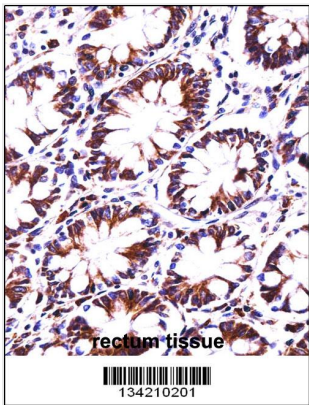
### PRODUCT SYNONYMS

PDIA4; Polyclonal Antibody; PDIA4 Antibody (N-term); Protein disulfide-isomerase A4; Endoplasmic reticulum resident protein 70; ER protein 70; ERp70; Endoplasmic reticulum resident protein 72; ER protein 72; ERp-72; ERp72; ERP70; ERP72; anti-PDIA4 antibody

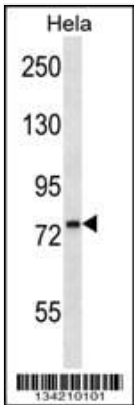
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This PDIA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-37 amino acids from the N-terminal region of human PDIA4.          |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 9-37                                                                                                                                                                         |
| Sequence Length                                 | 645                                                                                                                                                                          |
| Applicable Applications for anti-PDIA4 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**IHC (Immunohiostchemistry)**  
PDIA4 Antibody (N-term) (AAA289587)immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PDIA4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
PDIA4 Antibody (N-term) western blot analysis in HeLa cell line lysates (35ug/lane).This demonstrates the PDIA4 antibody detected the PDIA4 protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PDIA4 antibody | The function of this protein remains unknown.                                                                                                                                                                                                                                           |
| Product Categories/Family for anti-PDIA4 antibody   | Cell Biology; Signal transduction                                                                                                                                                                                                                                                       |
| References                                          | Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :<br>Chen, W., et al. Biochem. J. 416(1):55-63(2008)<br>Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :<br>Chi, A., et al. J. Proteome Res. 5(11):3135-3144(2006)<br>Basrur, V., et al. J. Proteome Res. 2(1):69-79(2003) |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| NCBI GI #                        | 4758304                                                          |
| NCBI GeneID                      | 9601                                                             |
| NCBI Accession #                 | NP_004902.1                                                      |
| NCBI GenBank Nucleotide #        | NM_004911.4                                                      |
| UniProt Accession #              | P13667; Q549T6; A8K4K6                                           |
| Molecular Weight                 | 72932                                                            |
| NCBI Official Full Name          | protein disulfide-isomerase A4                                   |
| NCBI Official Synonym Full Names | protein disulfide isomerase family A, member 4                   |
| NCBI Official Symbol             | PDIA4                                                            |
| NCBI Official Synonym Symbols    | ERP70; ERP72; ERp-72                                             |
| NCBI Protein Information         | protein disulfide-isomerase A4                                   |
| UniProt Protein Name             | Protein disulfide-isomerase A4                                   |
| UniProt Gene Name                | <b>PDIA4</b>                                                     |
| UniProt Synonym Gene Names       | ERP70; ERP72; ER protein 70; ERp70; ER protein 72; ERp-72; ERp72 |
| UniProt Entry Name               | PDIA4_HUMAN                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pdia4-antibody-immunohistochemistry-western-blot-elisa/289587>