



# Rabbit Anti-Human PDIA4 Polyclonal Antibody (CABT-L2285)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |  |
|---------------------------|--|
| <b>Product Overview</b>   | Polyclonal Antibody to Protein Disulfide Isomerase A4 (Knockout Validated)   |
| <b>Specificity</b>        | The antibody is a rabbit polyclonal antibody raised against PDIA4. It has been selected for its ability to recognize PDIA4 in immunohistochemical staining and western blotting. |
| <b>Target</b>             | PDIA4  |
| <b>Immunogen</b>          | Recombinant fragment corresponding to human PDIA4 (Phe505–Thr636)  |
| <b>Isotype</b>            | IgG  |
| <b>Source/Host</b>        | Rabbit   |
| <b>Species Reactivity</b> | Human, Pig   |
| <b>Purification</b>       | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | WB   |
| <b>Format</b>             | Liquid   |
| <b>Concentration</b>      | Lot specific   |
| <b>Size</b>               | 200 µg   |
| <b>Buffer</b>             | Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.   |
| <b>Preservative</b>       | 0.05% Proclin-300  |

|                |   |
|----------------|---|
| <b>Storage</b> | Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months. |
| <b>Ship</b>    | 4°C with ice bags   |

## BACKGROUND

|                     |   |
|---------------------|---|
| <b>Introduction</b> | EPR72 Belongs to the protein disulfide isomerase family. Contains 3 thioredoxin domains.              |
| <b>Keywords</b>     | PDI-A4;ERP70;ERP72;Protein Disulfide Isomerase-Associated 4;Endoplasmic reticulum resident protein 70 |

## GENE INFORMATION

|                            |   |
|----------------------------|---|
| <b>Gene Name</b>           | PDIA4 protein disulfide isomerase family A, member 4 [ Homo sapiens (human) ]   |
| <b>Official Symbol</b>     | PDIA4   |
| <b>Synonyms</b>            | PDIA4; protein disulfide isomerase family A, member 4; ERP70; ERP72; ERp-72; protein disulfide-isomerase A4; ER protein 70; ER protein 72; protein disulfide isomerase-associated 4; endoplasmic reticulum resident protein 70; endoplasmic reticulum resident protein 72; protein disulfide isomerase related protein (calcium-binding protein, intestinal-related); |
| <b>Entrez Gene ID</b>      | <a href="#">9601</a>  |
| <b>Protein Refseq</b>      | NP_004902   |
| <b>UniProt ID</b>          | <a href="#">A0A090N8Y2</a>  |
| <b>Chromosome Location</b> | 7q35  |
| <b>Pathway</b>             | Protein processing in endoplasmic reticulum; Thyroid hormone synthesis; Vibrio cholerae infection;  |
| <b>Function</b>            | poly(A) RNA binding; protein binding; protein disulfide isomerase activity;   |