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## Product Information

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|---------------------|---------|----------------------|--------|--------------------|-----------------|
| <b>Product SKU:</b> | CAB4326 | <b>Gene ID:</b>      | 9601   | <b>Size:</b>       | 20uL, 100uL     |
| <b>Clone No:</b>    | -       | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Mouse,Rat |

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## Additional Information

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| <b>Observed MW:</b>   | 72kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 73kDa | <b>Isotype:</b>   | IgG          |

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## Immunogen Information

**Background:** This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, three catalytically active thioredoxin (TRX) domains, two TRX-like domains and a C-terminal ER-retention sequence. This protein, when bound to cyclophilin B, enhances the rate of immunoglobulin G intermolecular disulfide bonding and antibody assembly.

**Recommended Dilution:** WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

**Synonyms:** ERP70; ERP72; ERp-72; PDIA4

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 200-300 of human PDIA4 (NP\_004902.1).

**Storage:** Store at -20°C Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.