

## PDIA4 RABBIT PAB

**Cat.#:** S218903

**Product Name:** Anti-PDIA4 Rabbit Polyclonal Antibody

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

**UNIPROT ID:** P13667 (Gene Accession - BC000425 )

**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.

**Immunogen:** Fusion protein of human PDIA4

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 40-200;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

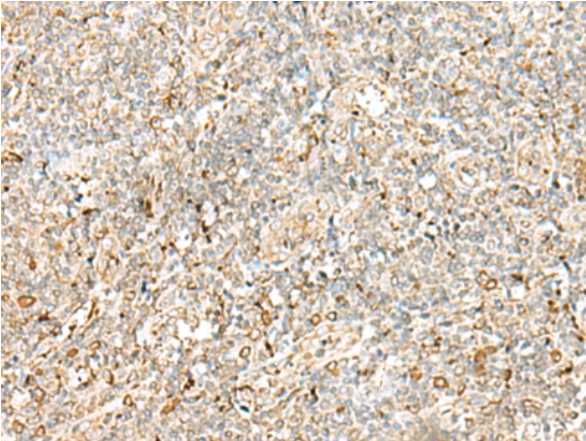
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

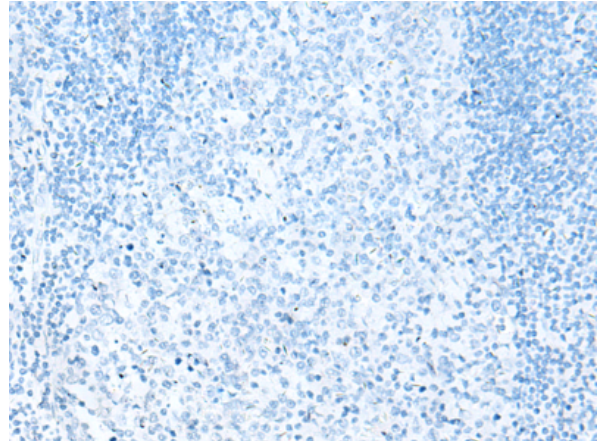
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

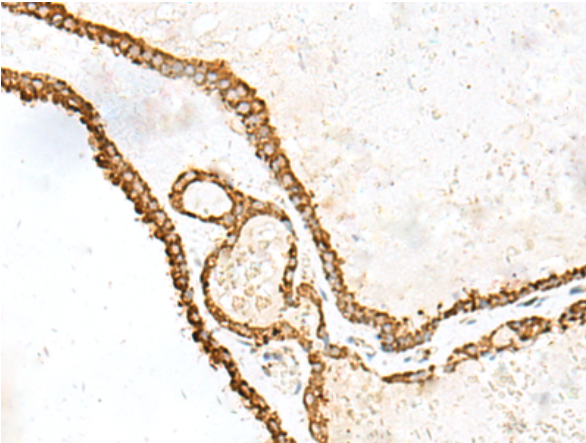
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



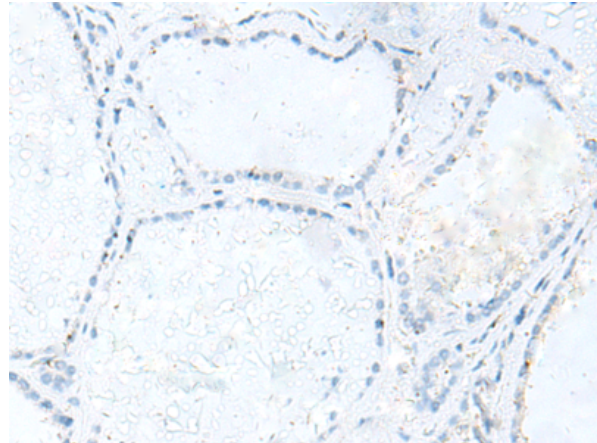
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 218903(PDIA4 Antibody) at a dilution of 1/40(Cytoplasm).



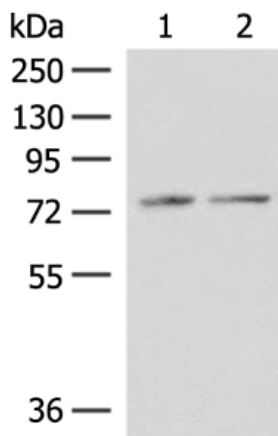
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 218903(Anti-PDIA4 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 218903(Anti-PDIA4 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D225471(Anti-PDIA4 Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane 1-2: RAW264.7 and NIH/3T3 cell lysates;  
Primary antibody: 218903(PDIA4 Antibody) at dilution 1/250;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 second



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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