

Anti-PDIA4 antibody

Cat. No.	ml225471
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PDIA4 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human PDIA4
Reactivity	Human, Mouse, Rat
Content	0.72 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PDIA4
Full name	protein disulfide isomerase family A member 4

Synonyms ERP70; ERP72; ERp-72

Swissprot P13667

Target 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.

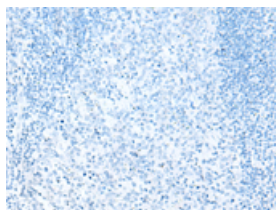
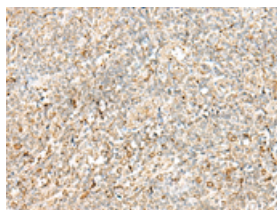
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 40-200

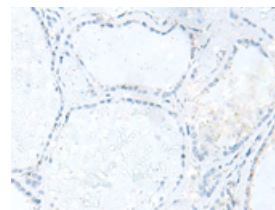
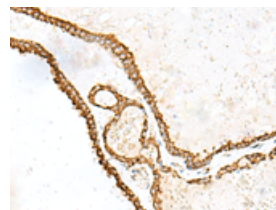


The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml225471(PDIA4 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 40-200



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml225471(PDIA4 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 73 kDa

Positive control: RAW264.7 and NIH/3T3 cell lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

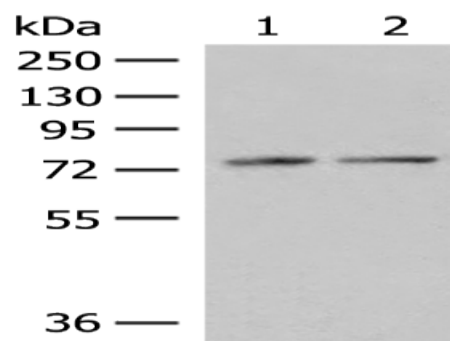
Lysate: 40 μ g

Lane 1-2: RAW264.7 and NIH/3T3 cell lysates

Primary antibody: ml225471(PDIA4 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 second



ELISA

Recommended dilution: 5000-10000

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