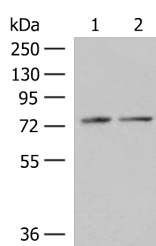


PDIA4 Polyclonal Antibody

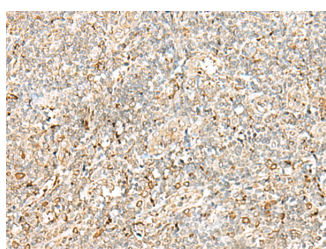
Catalog No.	E-AB-18854	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

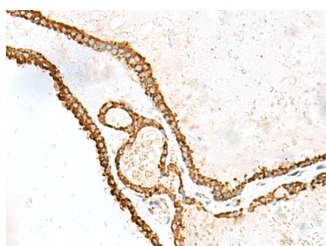
Images



Western blot analysis of RAW264.7 and NIH/3T3 cell lysates using PDIA4 Polyclonal Antibody at dilution of 1:250



Immunohistochemistry of paraffin-embedded Human tonsil tissue using PDIA4 Polyclonal Antibody at dilution of 1:40(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PDIA4 Polyclonal Antibody at dilution of 1:40(×200)

Immunogen Information

Immunogen	Fusion protein of human PDIA4
Gene Accession	BC000425
Swissprot	P13667
Synonyms	EPR70,EPR72,ER protein 72,ERP 70,ERp72,PDIA 4,Pdia4,PDIA4,PDIR,Protein ERp72

Product Information

Calculated MW	73 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:40-1:200, ELISA 1:5000-1:10000

Background

PDIA4(Protein disulfide-isomerase A4) is also named as ERP70,ERP72 and belongs to the protein disulfide isomerase family. It catalyzes the rearrangement of -S-S- bonds in proteins. ERp72 is a soluble protein localized in the ER lumen and contains the COOH-terminal retention signal,KEEL. There are 6 cysteine residues in the amino acid sequences of mouse and human ERp72. All of the cysteine residues occur in the internal thioredoxin motif,CGHC. The full length protein has a signal peptide with 20 amino acid.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.