

Rabbit anti-Human ERP72 Polyclonal Antibody | anti-PDIA4 antibody

Anti-ERP72 Antibody, Rabbit Polyclonal

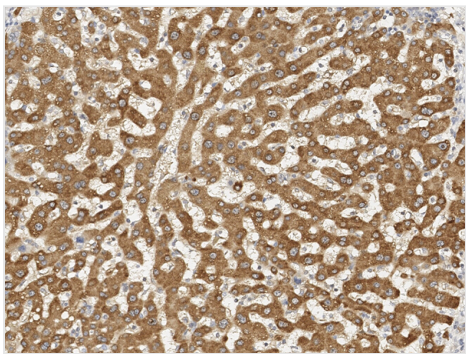
CATALOG # AAA257774	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

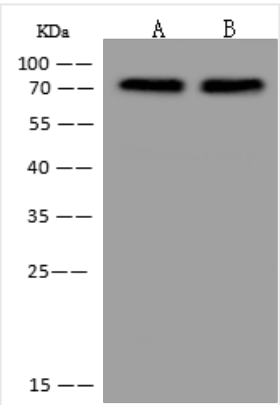
ERP72; Polyclonal Antibody; Anti-ERP72 Antibody; Rabbit Polyclonal; ERP72/PDIA4 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-ERP-72 Antibody; Anti-ERP70 Antibody; protein disulfide isomerase family A; member 4; anti-PDIA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ERP72/PDIA4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PDIA4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human ERP72/PDIA4 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ERP72/PDIA4 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



IHC (Immunohistochemistry)
Immunochemical staining of human ERP72 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-ERP72 rabbit polyclonal antibody at 1:500 dilution
Lane A: HeLa Whole Cell Lysate
Lane B: MCF7 Whole Cell Lysate
Lane C: MCF7 Whole Cell Lysate
Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 73 kDa
Observed band size: 73 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PDIA4 antibody	Background: ERP72, also known as PDIA4, is an endoplasmic reticulum luminal protein which belongs to the protein disulfide isomerase family. ERP72 is a stress protein and participates in the catalysis of protein-S-S-bond rearrangement. Both PDIA4 and PDIA3 function as proteases, protein disulfide isomerases, phospholipases or an arrangement of these. ERP72 compose part of a large chaperone multiprotein complex comprising CABP1, DNAJB11, HSP90B1, HSPA5, HYOU, PDIA2, PDIA4, PPIB, SDF2L1, UGT1A1 and very small amounts of ERP29, but not, or at very low levels, CALR nor CANX.
References	Tsai YC, et al. (2012) Functional proteomics establishes the interaction of SIRT7 with chromatin remodeling complexes and expands its role in regulation of RNA polymerase I transcription. Mol Cell Proteomics. 11(5):60-76. Kim W, et al. (2011) Systematic and quantitative assessment of the ubiquitin-modified proteome. Mol Cell. 44(2):325-40. Vinayagam A, et al. (2011) A directed protein interaction network for investigating intracellular signal transduction. Sci Signal. 4(189):rs8.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.