

Product Name: ERp72 Rabbit Monoclonal Antibody
Catalog #: AMRe85546



Summary

Production Name	ERp72 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	ERp72
Alternative Names	protein disulfide isomerase family A member 4; ERP70; ERP72; ERp-72
Gene ID	9601.0
SwissProt ID	P13667. A synthetic peptide of human ERp72

Application

Dilution Ratio	WB:1:500-1:1000,IHC:1:50-1:100
Molecular Weight	Calculated MW: 73 kDa; Observed MW: 73 kDa

Background

This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze

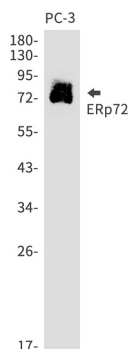
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protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, three catalytically active thioredoxin (TRX) domains, two TRX-like domains and a C-terminal ER-retention sequence. This protein, when bound to cyclophilin B, enhances the rate of immunoglobulin G intermolecular disulfide bonding and antibody assembly.

Research Area

Image Data



Western blot analysis of ERp72 in PC-3 lysates using ERp72 antibody.

Note

For research use only.