

ERp57 Polyclonal Antibody

Catalog NumberPA1-9078

Product data sheet

Details	
Size	100 µg
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Synthetic peptide corresponding to the C terminus residues E E K P K K K K A Q E D L of PDIA3.
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles

Species Reactivity	
Species reactivity	Human, Mouse
Tested Applications	
Western Blot (WB)	0.1-0.3 µg/mL

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

This antibody is predicted to react with bovine and rat based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 4,000.

Background/Target Information

This gene encodes a protein of the endoplasmic reticulum that interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. The protein was once thought to be a phospholipase; however, it has been demonstrated that the protein actually has protein disulfide isomerase activity. It is thought that complexes of lectins and this protein mediate protein folding by promoting formation of disulfide bonds in their glycoprotein substrates.

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Product Images For ERp57 Polyclonal Antibody



ERp57 Antibody (PA1-9078) in WB
Western blot analysis of ERp57 using ERp57 Polyclonal Antibody (Product # PA1-9078) (0.1 µg/mL) in staining of Daudi lysate (RIPA buffer, 35 µg total protein per lane). Detected by chemiluminescence.

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