

Product name:	ERp57 Rabbit Polyclonal Antibody
Cat number:	ABN10614
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from the Internal region of human PDIA3. AA range:111-160
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight:	55kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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. [provided by RefSeq, Jul 2008],catalytic activity:Catalyzes the rearrangement of -S-S- bonds in proteins.,caution:Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha).,mass spectrometry: PubMed:11840567,similarity:Belongs to the protein disulfide isomerase family.,similarity:Contains 2 thioredoxin domains.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Interacts with ERP27 and CANX.,