

ERP44 Polyclonal Antibody

Catalog NumberPA5-18936

Product data sheet

Details	
Size	100 µg
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Synthetic peptide sequence (EQKSDNYRVFER) corresponding to the internal amino acids of TXNDC4
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
Tested Applications	
Western Blot (WB)	0.2-0.6 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, mouse and rat based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 32,000.

Background/Target Information

Mediates thiol-dependent retention in the early secretory pathway, forming mixed disulfides with substrate proteins through its conserved CRFS motif. Inhibits the calcium channel activity of ITPR1. May have a role in the control of oxidative protein folding in the endoplasmic reticulum. Required to retain ERO1L and ERO1LB in the endoplasmic reticulum.

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Product Images For ERP44 Polyclonal Antibody



**ERP44 Antibody (PA5-18936) in WB**  
Western blot analysis of ERP44 using ERP44 Polyclonal Antibody (Product # PA5-18936) (0.2 µg/mL) in staining of K562 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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