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ERP27 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55651

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96DN0
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30480

Additional Information

Gene ID	121506
Other Names	Endoplasmic reticulum resident protein 27, ER protein 27, ERp27, Inactive protein disulfide-isomerase 27, ERP27, C12orf46
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ERP27
Synonyms	C12orf46
Function	Specifically binds unfolded proteins and may recruit protein disulfide isomerase PDIA3 to unfolded substrates (PubMed:16940051, PubMed:23192347). Binds protein substrates via a hydrophobic pocket in the C-terminal domain (PubMed:16940051, PubMed:23192347). May play a role in the unfolded stress response (PubMed:23192347).
Cellular Location	Endoplasmic reticulum lumen

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.