

ERP27 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55651**Specification****ERP27 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O96DN0
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30480

ERP27 Polyclonal Antibody - 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 ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

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.

ERP27 Polyclonal Antibody - Protein Information**Name** ERP27**Synonyms** C12orf46**Function**

Specifically binds unfolded proteins and may recruit protein disulfide isomerase PDIA3 to unfolded substrates (PubMed: [16940051](http://www.uniprot.org/citations/16940051), PubMed: [23192347](http://www.uniprot.org/citations/23192347)). Binds protein substrates via a hydrophobic pocket in the C-terminal domain (PubMed: [16940051](http://www.uniprot.org/citations/16940051), PubMed: [23192347](http://www.uniprot.org/citations/23192347)). May play a role in the unfolded stress response (PubMed: [23192347](http://www.uniprot.org/citations/23192347)).

Cellular Location

Endoplasmic reticulum lumen

ERP27 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ERP27 Polyclonal Antibody - Images