

**ERP27 Antibody**  
Rabbit mAb  
Catalog # AP93234

## Specification

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### ERP27 Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	<a href="#">O96DNO</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
C12orf46; ERp27; PDIA8;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	30480 Da

### ERP27 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ERP27
Description	Belongs to the protein disulfide isomerase family. Contains 1 thioredoxin domain.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### ERP27 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 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 Antibody - Images**