

ERP27 Antibody

Rabbit mAb

Catalog # AP93234

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	Q96DN0
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	C12orf46; ERp27; PDIA8;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	30480

Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
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.

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

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