

Anti-ERP27 Rabbit Monoclonal Antibody

Catalog # ABO16753

Product Information

Application	WB, IHC
Primary Accession	Q96DN0
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-ERP27 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	121506
Other Names	Endoplasmic reticulum resident protein 27, ER protein 27, ERp27, Inactive protein disulfide-isomerase 27, ERP27, C12orf46
Calculated MW	30480
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 32E24
Immunogen	A synthesized peptide derived from human ERP27
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

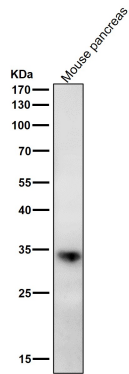
Name	ERP27
Synonyms	C12orf46
Function	Specifically binds unfolded proteins and may recruit protein disulfide

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

Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

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