

ERN2 / IRE1b Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2767a**Specification**

ERN2 / IRE1b Antibody (internal region) - Product Information

Application	E
Primary Accession	Q76MJ5
Other Accession	NP_150296.3 , 10595
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	102480

ERN2 / IRE1b Antibody (internal region) - Additional Information**Gene ID** 10595**Other Names**

Serine/threonine-protein kinase/endoribonuclease IRE2, Endoplasmic reticulum-to-nucleus signaling 2, Inositol-requiring protein 2, hIRE2p, Ire1-beta, IRE1b, Serine/threonine-protein kinase, 2.7.11.1, Endoribonuclease, 3.1.26.-, ERN2 (HGNC:16942)

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ERN2 / IRE1b Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ERN2 / IRE1b Antibody (internal region) - Protein Information**Name** ERN2 ([HGNC:16942](#))**Function**

Induces translational repression through 28S ribosomal RNA cleavage in response to ER stress. Pro-apoptotic. Appears to play no role in the unfolded-protein response, unlike closely related proteins.

Cellular Location

Endoplasmic reticulum membrane; Single-pass type I membrane protein

ERN2 / IRE1b Antibody (internal region) - 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](#)

ERN2 / IRE1b Antibody (internal region) - Images**ERN2 / IRE1b Antibody (internal region) - References**

PERK mediates cell-cycle exit during the mammalian unfolded protein response. Brewer JW, Diehl JA. Proc Natl Acad Sci U S A. 2000 Nov 7;97(23):12625-30. PMID: 11035797