

**Mouse Ern2 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16076b****Specification**

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**Mouse Ern2 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9Z2E3</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	101262
Antigen Region	883-911

**Mouse Ern2 Antibody (C-term) - Additional Information****Gene ID** 26918**Other Names**

Serine/threonine-protein kinase/endoribonuclease IRE2, Endoplasmic reticulum-to-nucleus signaling 2, Inositol-requiring protein 2, Ire1-beta, IRE1b, mlre1, Serine/threonine-protein kinase, Endoribonuclease, 3126-, Ern2 {ECO:0000312|MGI:MGI:1349436}

**Target/Specificity**

This Mouse Ern2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 883-911 amino acids from the C-terminal region of mouse Ern2.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

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

**Precautions**

Mouse Ern2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Mouse Ern2 Antibody (C-term) - Protein Information****Name** Ern2 {ECO:0000312|MGI:MGI:1349436}**Function** Role in expression of the DDIT3 transcription factor, required for the unfolded-protein

response, growth arrest and apoptosis. Has no effect on 28S ribosomal RNA cleavage, unlike the corresponding human protein.

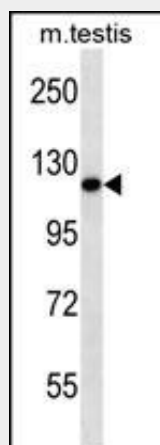
**Cellular Location**

Endoplasmic reticulum membrane; Single-pass type I membrane protein

**Mouse Ern2 Antibody (C-term) - 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](#)

**Mouse Ern2 Antibody (C-term) - Images**

Mouse Ern2 Antibody (C-term) (Cat. #AP16076b) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the Ern2 antibody detected the Ern2 protein (arrow).

**Mouse Ern2 Antibody (C-term) - Background**

Ern2 plays a role in expression of the DDIT3 transcription factor, required for the unfolded-protein response, growth arrest and apoptosis. Has no effect on 28S ribosomal RNA cleavage, unlike the corresponding human protein.