

Mouse Ern2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16076b

Product Information

Application	WB, E
Primary Accession	Q9Z2E3
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35477
Calculated MW	101262
Antigen Region	883-911

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, mIre1, 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 E~~Use at an assay dependent concentration.
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.

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.

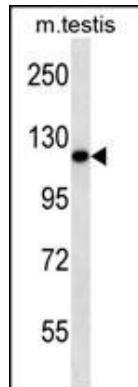
Cellular Location

Endoplasmic reticulum membrane; Single-pass type I membrane protein

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.

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).

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