

Mouse Ern1 Antibody (C-term)

Catalog_no :	AB1309
Applications :	WB
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	MOUSE:827-855
Specificity :	This Mouse Ern1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 827-855 amino acids from the C-terminal region of mouse Ern1.
Dilution :	WB,1:1000;
Purification :	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.
Other_name :	Serine/threonine-protein kinase/endoribonuclease IRE1, Endoplasmic reticulum-to-nucleus signaling 1, Inositol-requiring protein 1, Ire1-alpha, IRE1a, Serine/threonine-protein kinase, Endoribonuclease, 3126-, Ern1 {ECO:0000312 MGI:MGI:1930134}
Isotype :	Rabbit Ig
Background :	Ern1 senses unfolded proteins in the lumen of the endoplasmic reticulum via its N-terminal domain which leads to enzyme auto-activation. The active endoribonuclease domain splices XBP1 mRNA to generate a new C-terminus, converting it into a potent unfolded-protein response transcriptional activator and triggering growth arrest and apoptosis.
reference :	Li, H., et al. Proc. Natl. Acad. Sci. U.S.A. 107(37):16113-16118(2010) Auf, G., et al. Proc. Natl. Acad. Sci. U.S.A. 107(35):15553-15558(2010) Oikawa, D., et al. FEBS Lett. 584(5):1066-1070(2010) Yang, L., et al. PLoS ONE 5 (7), E11621 (2010) : Ghosh