

Datasheet for ABIN7169239

anti-ERN1 antibody (AA 493-561) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ERN1
Binding Specificity:	AA 493-561
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERN1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Serine/threonine-protein kinase/endoribonuclease IRE1 protein (493-561AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ERN1
Alternative Name:	ERN1 (ERN1 Products)
Background:	Background: Senses unfolded proteins in the lumen of the endoplasmic reticulum via its N-

Target Details

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.

Aliases: Endoplasmic reticulum (ER) to nucleus signalling 1 antibody, Endoplasmic reticulum to nucleus signaling 1 antibody, Endoplasmic reticulum-to-nucleus signaling 1 antibody, Endoribonuclease antibody, ER to nucleus signaling 1 antibody, ERN 1 antibody, Ern1 antibody, ERN1_HUMAN antibody, hIRE 1p antibody, hIRE1p antibody, Inositol requiring 1 antibody, Inositol requiring 1, S. cerevisiae, homolog of antibody, Inositol requiring enzyme 1, S. cerevisiae, homolog of antibody, Inositol requiring protein 1 antibody, inositol-requiring enzyme 1 antibody, Inositol-requiring protein 1 antibody, IRE 1 antibody, IRE 1a antibody, IRE 1P antibody, Ire1 alpha antibody, Ire1-alpha antibody, IRE1a antibody, Ire1alpha antibody, IRE1P antibody, MGC163277 antibody, MGC163279 antibody, Protein kinase/endoribonuclease antibody, RGD1559716 antibody, Serine/threonine protein kinase/endoribonuclease IRE1 antibody

UniProt:	O75460
Pathways:	ER-Nucleus Signaling , Unfolded Protein Response

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.