



IRE1 α rabbit pAb

Cat No.:ES20512

For research use only

Overview

Product Name	IRE1 α rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Purified recombinant fragment of human IRE1 α (aa282-433) expressed in E. Coli.
Specificity	IRE1 α Antibody detects endogenous levels of IRE1 α protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20 $^{\circ}$ C. Avoid repeated freeze-thaw cycles.
Protein Name	Serine/threonine-protein kinase/endoribonuclease IRE1
Gene Name	ERN1
Cellular localization	Endoplasmic reticulum membrane ; Single-pass type I membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	
Human Gene ID	2081
Human Swiss-Prot Number	O75460
Alternative Names	ERN1; IRE1; Serine/threonine-protein kinase/endoribonuclease IRE1; Endoplasmic reticulum-to-nucleus signaling 1; Inositol-requiring protein 1; hIRE1p; Ire1-alpha; IRE1a
Background	The protein encoded by this gene is the ER to nucleus signalling 1 protein, a human homologue of the yeast Ire1 gene product. This protein possesses





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intrinsic kinase activity and an endoribonuclease activity and it is important in altering gene expression as a response to endoplasmic reticulum-based stress signals. [provided by RefSeq, Jul 2008],



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