



Rabbit Anti-Human IRE1 alpha monoclonal antibody, clone K.708.20 (CABT-L1295)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	ERN1
Immunogen	Synthetic peptide corresponding to residues surrounding His963 of human IRE1a
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	K.708.20
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IP, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction	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 intrinsic kinase activity and an
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endoribonuclease activity and it is important in altering gene expression as a response to endoplasmic reticulum-based stress signals.

Keywords

ERN1;endoplasmic reticulum to nucleus signaling
1;IRE1;IRE1P;IRE1a;hIRE1p;serine/threonine-protein kinase/endoribonuclease IRE1;ire1-
alpha;inositol-requiring 1;ER to nucleus signalling 1;inositol-requiring enzyme 1;inositol-
requiring protein 1;protein kinase/endoribonuclease;endoplasmic reticulum-to-nucleus signaling
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GENE INFORMATION

Entrez Gene ID [2081](#)

UniProt ID [O75460](#)
