



# 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

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

## BACKGROUND

<b>Introduction</b>	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.

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<b>Keywords</b>	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 1
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## GENE INFORMATION

Entrez Gene ID [2081](#)

UniProt ID [O75460](#)

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