

IRE1 (Phospho-Tyr166) Antibody

Catalog No: #12890



Package Size: #12890-1 50ul #12890-2 100ul

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Description

Product Name	IRE1 (Phospho-Tyr166) Antibody
Brief Description	Rabbit Polyclonal
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	IRE1 (phospho Y166) Antibody detects endogenous levels of IRE1 only when phosphorylated at Y166
Immunogen Type	Peptide-KLH
Immunogen Description	A synthesized peptide derived from human IRE1 (Phospho-Tyr166)
Other Names	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

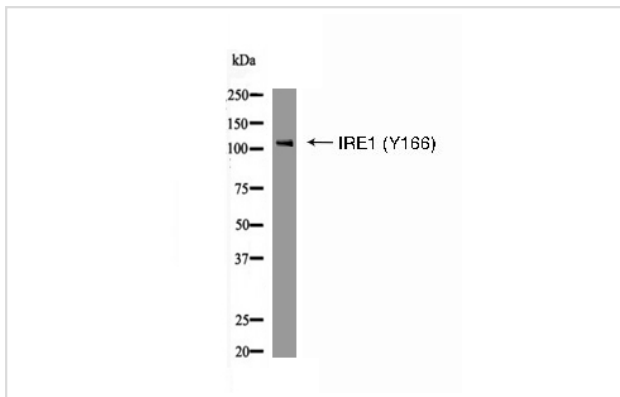
Serine threonine protein kinase endoribonuclease IRE1 antibody

Accession No.	Swiss-Prot#:O75460/Q76MJ5 NCBI Gene ID2081/10595
Calculated MW	110
Concentration	1.0mg mL
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+) pH 7.4 150mM NaCl 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB dilution:1:1000

Images



Western blot analysis IRE1 (Phospho-Tyr166) using HepG2 whole cell lysates

Product Description

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.