

CAB21021

Product Information

Product SKU:	CAB21021	Gene ID:	2081	Size:	20uL, 100uL
Clone No:	ARC57190	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	130kDa	Conjugate:	Unconjugated
Calculated MW:	110kDa	Isotype:	IgG

Immunogen Information

Background: This gene encodes the transmembrane protein kinase inositol-requiring enzyme 1. The encoded protein contains two functional catalytic domains, a serine/threonine-protein kinase domain and an endoribonuclease domain. This protein functions as a sensor of unfolded proteins in the endoplasmic reticulum (ER) and triggers an intracellular signaling pathway termed the unfolded protein response (UPR). The UPR is an ER stress response that is conserved from yeast to mammals and activates genes involved in degrading misfolded proteins, regulating protein synthesis and activating molecular chaperones. This protein specifically mediates the splicing and activation of the stress response transcription factor X-box binding protein 1.

Recommended Dilution: WB,1:500 - 1:1000

Synonyms: IRE1; IRE1P; IRE1a; hIRE1p

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 286-435 of human IRE1 (NP_001424.3).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.