

IRE1 (Phospho-phospho S724) Antibody

Catalog No: #13013

Package Size: #13013-1 50ul #13013-2 100ul

Description

Product Name	IRE1 (Phospho-phospho S724) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Applications	WB
Species Reactivity	Hu, Ms, Rt
Specificity	Phospho-IRE1 (Phospho-phospho S724) Antibody detects endogenous levels of IRE1 only when phosphorylated at phospho S724
Immunogen Description	A synthesized peptide derived from human IRE1 around the phosphorylation site of phospho S724
Conjugates	Unconjugated
Target Name	IRE1
Other Names	Endoplasmic reticulum (ER) to nucleus signalling 1; Endoplasmic reticulum to nucleus signaling 1; Endoplasmic reticulum-to-nucleus signaling 1; Endoribonuclease; ER to nucleus signaling 1; ERN 1; Ern1; ERN1_HUMAN; hIRE 1p; hIRE1p; Inositol requiring 1; Inositol requiring 1, S. cerevisiae, homolog of; Inositol requiring enzyme 1, S. cerevisiae, homolog of; Inositol requiring protein 1; inositol-requiring enzyme 1; Inositol-requiring protein 1; IRE 1; IRE 1a; IRE 1P; Ire1 alpha; Ire1-alpha; IRE1a; Ire1alpha; IRE1P; MGC163277; MGC163279; Protein kinase/endoribonuclease; RGD1559716; Serine/threonine protein kinase/endoribonuclease IRE1; Endoplasmic reticulum (ER) to nucleus signalling 1; Endoplasmic reticulum to nucleus signaling 1; Endoplasmic reticulum-to-nucleus signaling 1; Endoribonuclease; ER to nucleus signaling 1; ERN 1; Ern1; ERN1_HUMAN; hIRE 1p; hIRE1p; Inositol requiring 1; Inositol requiring 1, S. cerevisiae, homolog of; Inositol requiring enzyme 1, S. cerevisiae, homolog of; Inositol requiring protein 1; inositol-requiring enzyme 1; Inositol-requiring protein 1; IRE 1; IRE 1a; IRE 1P; Ire1 alpha; Ire1-alpha; IRE1a; Ire1alpha; IRE1P; MGC163277; MGC163279; Protein kinase/endoribonuclease; RGD1559716; Serine/threonine protein kinase/endoribonuclease IRE1;
Accession No.	Swiss-Prot#:O75460/Q76MJ5NCBI Gene ID:2081/10595
Calculated MW	110
Concentration	1mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Application Details

WB: 1:500-1:2000

Published Papers

el et., Quercetin Stimulates Mitochondrial Apoptosis Dependent on Activation of Endoplasmic Reticulum Stress in Hepatic Stellate Cells .In Pharm

Biol. On 2016 Dec by Liwei He , Xianbang Hou et al..PMID:27572285

, , (2016)

[PMID:27572285](#)

el at., Suppressing endoplasmic reticulum stress-related autophagy attenuates retinal light injury. In Aging (Albany NY) on 2020 Aug 28 by Jing-Yao Song, Bin Fan,et al..PMID: 32858529, , (2020)

[PMID:32858529](#)

el at., Endoplasmic reticulum stress is involved in retinal injury induced by repeated transient spikes of intraocular pressure. In J Zhejiang Univ Sci B on 2021 Sept 15 by Xue Yang, Xiaowei Yu et al..PMID: 34514754, , (2021)

[PMID:34514754](#)

el at., Cereulide Exposure Caused Cytopathogenic Damages of Liver and Kidney in Mice. In Int J Mol Sci on 2021 Aug 24 by Danyang Li, Ruqin Lin,et al..PMID:34502057, , (2021)

[PMID:34502057](#)

el at., Didymn Ameliorates Liver Fibrosis by Alleviating Endoplasmic Reticulum Stress and Glycerophospholipid Metabolism: Based on Transcriptomics and Metabolomics. In Drug Des Devel Ther on 2022 Jun 7 by Yan Li, Cuiyu Li, et al..PMID:35698653, , (2022)

[PMID:35698653](#)

el at., Didymn Ameliorates Liver Fibrosis by Alleviating Endoplasmic Reticulum Stress and Glycerophospholipid Metabolism: Based on Transcriptomics and Metabolomics InDrug Des Devel TherOn2022 Jun 7byYan Li , Cuiyu Li et al..PMID:35698653, , (2023)

[PMID:35698653](#)

Lei Chen;Xia Zhao;Rui Sheng;Philip Lazarovici;Wenhua Zheng el at., Artemisinin alleviates astrocyte overactivation and neuroinflammation by modulating the IRE1/NF-κB signaling pathway in in vitro and in vivo Alzheimer's disease models., , (2025)

[PMID:39826816](#)

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