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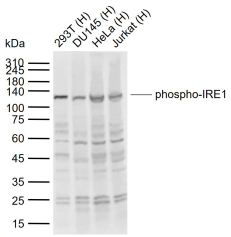
phospho-IRE1 (Ser724) Rabbit pAb

Catalog Number:	bs-16698R
Target Protein:	phospho-IRE1 (Ser724)
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human, Mouse, Rat (predicted:Pig, Sheep, Cow, Horse)
Predicted MW:	107 kDa
Subcellular Locations:	Cell membrane ,Cytoplasm
Entrez Gene:	10595
Swiss Prot:	O75460
Source:	KLH conjugated synthesised phosphopeptide derived from human IRE1 around the phosphorylation site of Ser724: RH(p-S)FS.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	ERN2, endoplasmic reticulum to nucleus signaling 2, induces translational repression through 28S ribosomal RNA cleavage in response to ER stress. It is pro-apoptotic and appears to play no role in the unfolded-protein response, unlike closely related proteins.

VALIDATION IMAGES



Sample: Lane 1: Human 293T cell lysates Lane 2: Human DU145 cell lysates Lane 3: Human HeLa cell lysates Lane 4: Human Jurkat cell lysates Primary: Anti-phospho-IRE1 (Ser724) (bs-16698R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 107 kDa Observed band size: 130 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=12.8] Xinli Wang. et al. Sustained therapeutic effects of self-assembled hyaluronic acid nanoparticles loaded with α-Ketoglutarate in various osteoarthritis stages. BIOMATERIALS. 2024 Sep;:122845 WB ; Mouse . 39326362

[IF=8] Ting Hu. et al. Enhanced endoplasmic reticulum stress signaling disrupts porcine sertoli cell function in response to Bisphenol A exposure. J ENVIRON MANAGE. 2024 Nov;370:122908 WB ; Porcine . 39405871

[IF=7.675] Reziyamu Wufuer. et al. Distinct Roles of Nrf1 and Nrf2 in Monitoring the Reductive Stress Response to Dithiothreitol (DTT). ANTIOXIDANTS-BASEL. 2022 Aug;11(8):1535 WB ; Human . 36009254

[IF=6.706] Yujie Zhong. et al. Diosgenin Ameliorated Type II Diabetes-Associated Nonalcoholic Fatty Liver Disease through Inhibiting De Novo Lipogenesis and Improving Fatty Acid Oxidation and Mitochondrial Function in Rats. NUTRIENTS. 2022 Jan;14(23):4994 WB ; Rat . 36501024

[IF=6.7] Xiaoxia Liu. et al. Fluoroindole chalcone analogues targeting the colchicine binding site of tubulin for colorectal oncotherapy. EUR J MED CHEM. 2023 Sep;257:115540 WB ; Human,Mouse . 37301075