

bs-16698R**[Primary Antibody]****phospho-IRE1 (Ser724) Rabbit pAb****Bioss**
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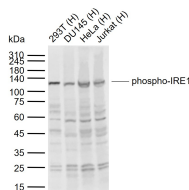
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— DATASHEET —

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 10595</p> <p>Target: IRE1 (Ser724)</p> <p>Immunogen: KLH conjugated synthesised phosphopeptide derived from human IRE1 around the phosphorylation site of Ser724: RH(p-S)FS.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>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.</p>	<p>Isotype: IgG</p> <p>SWISS: O75460</p>	<p>Applications: WB (1:500-2000)</p> <p>Reactivity: Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Horse)</p> <p>Predicted MW.: 107 kDa</p> <p>Subcellular Location: Cell membrane ,Cytoplasm</p>
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— 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

— SELECTED CITATIONS —

- **[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=10.8]** Jin Zhichun. et al. Macrophage ATF6 accelerates corticotomy-assisted orthodontic tooth movement through promoting Tnfa transcription. INT J ORAL SCI. 2025 Apr;17(1):1-15 WB ;Mouse. 40164575
- **[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

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