

**bs-4243R****[ Primary Antibody ]****ITPR2 Rabbit pAb****BioSS**  
**ANTIBODIES**

www.bioss.com.cn

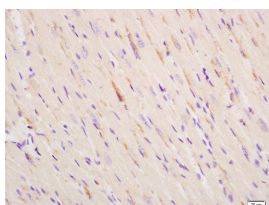
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 3709 <b>Target:</b> ITPR2 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ITPR2: 2351-2450/2701. < Extracellular > <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> Receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of intracellular calcium.	<b>Isotype:</b> IgG <b>SWISS:</b> Q14571	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Reactivity:</b> Mouse (predicted: Human, Rat, Cow) <b>Predicted MW.:</b> 308 kDa <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
---	---	---

**— VALIDATION IMAGES —**

Tissue/cell: mouse heart tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-ITPR2 Polyclonal Antibody, Unconjugated(bs-4243R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=7.129]** Yixin Zhang. et al. Proteomic analysis of ITPR2 as a new therapeutic target for curcumin protection against AFB1-induced pyroptosis. ECOTOX ENVIRON SAFE. 2023 Jul;260:115073 IHC ;Mouse. 37257342