

**bs-1757R****[ Primary Antibody ]****EDNRA Rabbit pAb****BioSS**  
**ANTIBODIES**

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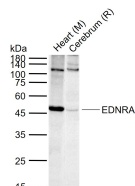
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 1909 <b>Target:</b> EDNRA <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human EDNRA: 321-427/427. <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> This gene encodes the receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. This receptor associates with guanine-nucleotide-binding (G) proteins, and this coupling activates a phosphatidylinositol-calcium second messenger system. Polymorphisms in this gene have been linked to migraine headache resistance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]	<b>Isotype:</b> IgG <b>SWISS:</b> P25101	<b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse) <b>Predicted MW.:</b> 47 kDa <b>Subcellular Location:</b> Cell membrane
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**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Rat Cerebrum tissue lysates Primary: Anti-EDNRA (bs-1757R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kDa Observed band size: 47 kDa

**— SELECTED CITATIONS —**

- **[IF=2.197]** Cheng P et al. Xin-Ji-Er-Kang Alleviates Myocardial Infarction-Induced Cardiovascular Remodeling in Rats by Inhibiting Endothelial Dysfunction. Biomed Res Int. 2019 Jun 25;2019:4794082. IF, WB ; Rat. 31341899
- **[IF=1.564]** Haizhao Zhao. et al. The Influence of Bosentan on MicroRNA-27a/PPARγ/ET-1 Signaling Pathway in Pulmonary Artery Hypertension. 2021 Apr 15 WB ; Human. 33856498
- **[IF=0.939]** Prayitnaningsih et al. Neuropathy optic glaucomatosa induced by systemic hypertension through activation endothelin-1 signaling pathway in central retinal artery in rats. (2016) Int.J.Ophthalmol. 9:1568-1577 IF ; Rat. 27990358