

**bs-2363R****[ Primary Antibody ]****ETBR Rabbit pAb****Bioss**  
ANTIBODIES

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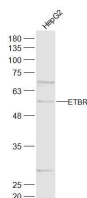
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)
<b>GeneID:</b> 1910	<b>SWISS:</b> P24530	<b>Predicted MW.:</b> 50 kDa
<b>Target:</b> ETBR		<b>Subcellular Location:</b> Cell membrane
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human EDNRB: 31-130/442. < 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> Endothelin receptor type B (ETRB) is a G protein-coupled receptor that activates a phosphatidylinositol-calcium second messenger system. Its ligand, endothelin, consists of a family of three potent vasoactive peptides: ET1, ET2, and ET3. A splice variant (SVR), differing in the intracellular C terminal domain, has been described for this receptor. Both WT and the variant bind ET1. However, they exhibit different responses upon binding - suggesting that these two variants are functionally distinct.		

**— VALIDATION IMAGES —**

Sample: HepG2(Human) Cell Lysate at 30 ug  
Primary: Anti-ETBR (bs-2363R) at 1/500 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD  
Observed band size: 55 kD

**— SELECTED CITATIONS —**

- **[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