

**bs-42253R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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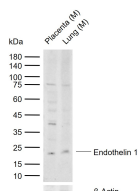
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**Endothelin 1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse
<b>GeneID:</b> 13614	<b>SWISS:</b> P22387	
<b>Target:</b> Endothelin 1		
<b>Immunogen:</b> Recombinant mouse Endothelin-1 protein: 26-202/202.		<b>Predicted MW.:</b> 22 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Secreted
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Endothelins (ET) show potent constrictor activity in vascular and non-vascular smooth muscle. This family of 21-amino acid peptides exists in at least three isoforms - ET-1, ET-2, and ET-3, and is produced in endothelial and epithelial cells. ET's can mediate biological effects in cells and tissues, and have been shown to bind to an ET receptor in the lung, kidney, heart, and liver. Endothelin 1 is expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells. Molecular weight: 2491.9 Molecular formula: C109H159N25O32S5 CAS: 117399-94-7 MDL: MFCD00133305 Reconstitution: 1mM (1mg/0.4013mL)		

**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Placenta tissue lysates  
Lane 2: Mouse Lung tissue lysates Primary: Anti-  
Endothelin 1 (bs-42253R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 22 kDa  
Observed band size: 23 kDa

**— SELECTED CITATIONS —**

- **[IF=3.8]** Xiaodi Jin. et al. A multi-dimensional validation strategy of pharmacological effects of Radix Isatidis Mixtures against the co-infection of Mycoplasma gallisepticum and Escherichia coli in poultry. POULTRY SCI. 2025 Jan;104:104576 WB ;Chicken. 39616681
- **[IF=3.3]** Luo Qingman. et al. Phillyrin improves myocardial remodeling in salt-sensitive hypertensive mice by reducing endothelin1 signaling. J PHARM PHARMACOL. 2024 Mar;; IHC ;Mouse. 38447186