

bs-11280R**[Primary Antibody]**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Endothelin 2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Cow, Dog, Cat) Predicted MW.: 2.3 kDa Subcellular Location: Secreted
Clonality: Polyclonal		
GeneID: 1907	SWISS: P20800	
Target: Endothelin 2		
Immunogen: KLH conjugated synthetic peptide derived from human Endothelin 2: 49-59/178.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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.		
Background: The endothelin (ET) family of proteins, which includes ET-1 (endothelin-1), ET-2 (endothelin-2) and ET-3 (endothelin-3), are vasoactive peptides that are involved in various functions throughout the body. Endothelins can affect the central nervous system and neuronal excitability, and they elicit potent vasoconstrictor action. While ET-1 is a potent, 21-amino acid vasoconstrictor peptide, ET-2 has the most potent vasoconstrictor activity. ET-3 functions as a ligand for endothelin receptor type B (ETBR) and, through this interaction, mediates the maturation of enteric neurons and melanocytes. Although ET-3 is expressed as a 238 amino acid peptide, it is post-translationally modified to produce a short active isoform and a long inactive isoform. Defects in the gene encoding ET-3 are the cause of a variety of disorders, including Hirschsprung disease type 1 (HSCR1), congenital central hypoventilation syndrome (CCHS) and Waardenburg syndrome type IV (WS4).		

— SELECTED CITATIONS —

- **[IF=4.717]** Yung-Ho Hsu. et al. Therapeutic Effect of Endothelin-Converting Enzyme Inhibitor on Chronic Kidney Disease through the Inhibition of Endoplasmic Reticulum Stress and the NLRP3 Inflammasome. Biomedicines. 2021 Apr;9(4):398 WB,IHC ;Human. 33917140