

Code No. 18202

**Anti-
Endothelin-3 Rabbit IgG Affinity Purify**Volume : 50 µg

Introduction : Endothelins are 21 amino acid peptides that are produced ubiquitously by vascular endothelial cells, smooth muscle cells, and other cells in different organs. Endothelins are secreted as big-endothelins that are converted to active proteins by the endothelin-converting enzyme. These peptides possess many biological activities, such as vasoconstriction and mitogenesis, and are involved in numerous physiological and pathophysiological processes in human. Elevated plasma levels of endothelin have been associated with heart failure, and increased immunoreactivity for endothelin is observed in transplant coronary artery disease.

Antigen : Synthetic peptide of a part of ET-3

Purification : Purified with antigen peptide

Form : Lyophilized product from 1% BSA in PBS

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 50 µg /mL)

Stability : Lyophilized product, 5 years at 2 – 8 °C
: Solution, 2 years at –20 °C

Application : This antibody can be used in immunohistochemistry with formalin fixed paraffin embedded tissues by several techniques such as SAB Method. The optimal concentration is 3-5 µg/mL, however, the concentration should be optimized by each laboratory.
: This antibody can be used for western blotting in concentration of 2-5 µg /mL.

Specificity : Endothelin-3 100.0 %
 Endothelin-1 0.8 %
 Endothelin-2 0.8 %
 Big Endothelin-1 0.8 %
 Big Endothelin-2 0.8 %
 Big Endothelin-3 100.0 %
 VIC 0.1 %
: Cross-reacts with mouse and rat

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