



Anti-Endothelin polyclonal antibody (DPAB2464)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit anti-endothelin (15-21) (C) polyclonal antibody.
Antigen Description	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 humans. Elevated plasma levels of endothelin have been associated with heart failure, and increased immunoreactivity for endothelin is observed in transplant coronary artery disease.
Specificity	Endothelin-1 100.0% Endothelin-2 100.0% Endothelin-3 100.0% Big Endothelin-1 <0.1% Big Endothelin-2 <0.1% Big Endothelin-3 <0.1% VIC 100.0%
Immunogen	Synthetic peptide of ET (15-21)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Affinity Purified with synthetic peptides
Conjugate	Unconjugated

Applications	IHC-P
Format	Lyophilized product from 1% BSA in PBS
Preservative	None
Storage	Lyophilized product, 5 years at 2 - 8 oC; Solution, 2 years at -20 °C.

BACKGROUND

Introduction	Endothelins are proteins that constrict blood vessels and raise blood pressure. They are normally kept in balance by other mechanisms, but when they are over-expressed, they contribute to high blood pressure (hypertension) and heart disease. Endothelins a
Keywords	Endothelin; ET; EDN1; EDN2; EDN3; Endothelin 1; Endothelin 2; Endothelin 3; PPET1; PPET2; PPET3