



Anti-Big Endothelin polyclonal antibody (DPAB3159)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Big Endothelin
Specificity	Big Endothelin (aa 1-38) (100%); Big Endothelin Fragment (aa 22-38) (< 98%); Endothelin 1 (< 1%); Endothelin 2 (< 1%); Endothelin 3 (< 1%); Sarafotoxin (< 1%); ANP (< 1%)
Immunogen	Human Big Endothelin, KLH conjugated
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	RIA, IRMA, ELISA, IHC (PFA fixed)
Format	Rabbit serum
Concentration	20 µg (lyophilized) resuspend in 100 µl aqua bidest
Buffer	IgG fraction, affinity purified in 0.05M borate buffer pH 8,5
Preservative	None
Storage	2-8°C (lyophilized); - 20°C (dissolved) Repeated thawing and freezing must be avoided

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 are 21-amino
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acid vasoconstricting peptides produced primarily in the endothelium having a key role in vascular homeostasis. Among the strongest vasoconstrictors known, endothelins are implicated in vascular diseases of several organ systems, including the heart, general circulation and brain.

Keywords

Big Endothelin; Big endothelin 1; EDN1; endothelin 1; ET1; PPET1; HDLCQ7; preproendothelin-1; endothelin-1; Preproendothelin-1; OTTHUMP00000016038; EDN2; endothelin 2; ET2; ET-2; PPET2; OTTHUMP00000007075; preproendothelin 2; preproendothelin-2; Preproend

GENE INFORMATION

Entrez Gene ID [1906](#)

UniProt ID [P05305](#)
