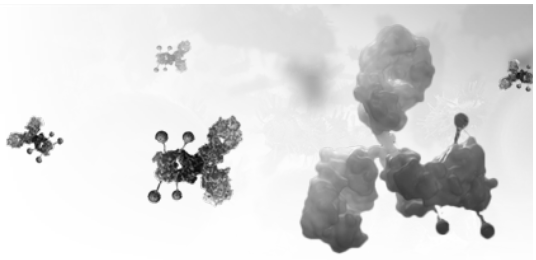

Anti-Pro-Atrial Natriuretic Peptide (aa 31-67) polyclonal antibody (DPAB3228)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Pro-Atrial Natriuretic Peptide (a.a. 31-67)
Specificity	Synthetic human pro ANP (a.a. 31-67) There were no cross reactivities obtained with human pro-ANP (a.a. 67-98) and human pro-ANP (a.a. 1-30).
Immunogen	Synthetic human pro-ANP (a.a. 31-67) poly Lysin conjugated
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	RIA, ELISA
Format	serum
Concentration	20 µl / 100 µl (lyophilized) resuspend in 20 µl / 100 µl aqua bidest
Preservative	None
Storage	2°C-8°C (lyophilized); - 20°C (dissolved) Repeated thawing and freezing must be avoided

BACKGROUND

Introduction	Atrial natriuretic peptide (ANP), atrial natriuretic factor (ANF), atrial natriuretic hormone (ANH), or atriopeptin is a powerful vasodilator, and a protein (polypeptide) hormone secreted by heart muscle cells.[1][2] It is involved in the homeostatic control of body water, sodium, potassium and fat (adipose tissue). It is released by muscle cells in the upper chambers (atria) of the heart

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	(atrial myocytes) in response to high blood pressure. ANP acts to reduce the water, sodium and adipose loads on the circulatory system, thereby reducing blood pressure.
Keywords	ANF; ANP; ANH, Atrial natriuretic factor; Atrial natriuretic peptide; CDD ANF; CDD-ANF; CDP; Natriuretic Peptide Precursor A; NPPA; PND; Prepronatriodilatin; Pronatriodilatin; Pro-ANP; Pro-Atrial Natriuretic Peptide (a.a. 31-67)

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