



# Rabbit Anti-Human ANP monoclonal antibody, clone 28I20M2 (CABT-L1193)

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

## PRODUCT INFORMATION

Target	ANP
Immunogen	Peptide corresponding to human NPPA(ANP) (aa127-145)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat
Clone	28I20M2
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction**

The protein encoded by this gene belongs to the natriuretic peptide family. Natriuretic peptides are implicated in the control of extracellular fluid volume and electrolyte homeostasis. This protein is synthesized as a large precursor (containing a signal peptide), which is processed to release a peptide from the N-terminus with similarity to vasoactive peptide, cardiodilatin, and another peptide from the C-terminus with natriuretic-diuretic activity. Mutations in this gene have been associated with atrial fibrillation familial type 6.

**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