

Product datasheet for **AP02058SU-S**

BNP (NPPB) (1-10) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	R
Recommended Dilution:	RIA (1:500).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic human BNP (aa 1-10) poly Lysin conjugated
Specificity:	This antibody detects Synthetic BNP (aa 1-10).
Formulation:	State: Serum State: Lyophilized serum
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2 - 8 °C and reconstituted at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	natriuretic peptide B
Database Link:	Entrez Gene 4879 Human P16860
Background:	In cardiac tissue brain natriuretic peptide (BNP) is synthesized as 134 amino acid precursor (prepro-BNP), which is cleaved by proteases to form a 26 aa "signal" peptide and a 108 aa pro-BNP. Proteolytic digestion of pro-BNP results in formation of 76 aa amino-terminal NT-proBNP and biologically active 32 aa BNP hormone molecule. Both proBNP and NTproBNP circulate in human plasma and have been proposed as markers for early diagnosis of left ventricular dysfunction as well as prognostic markers of possible cardiac complications at patients with heart failure.
Synonyms:	BNP
Note:	LocusID 4879



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