

## Product datasheet for **AP02182SU-S**

### **BNP (NPPB) (NT-proBNP 32-57) Goat Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	ELISA, R
Recommended Dilution:	<b>RIA.</b> <b>ELISA</b> (as Capture antibody in Sandwich ELISA).
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic Human pro-BNP (aa 32-57).
Specificity:	This antibody detects synthetic Human pro-BNP (aa 32-57). There were no cross reactivities obtained with Human pro-BNP (aa 8-29).
Formulation:	State: Serum State: Lyophilized Serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
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:	<a href="#">Entrez Gene 4879 Human P16860</a>
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:	NPPB, Brain natriuretic peptide, BNP, proBNP



[View online »](#)

**Note:** Reference no.: LocusID 4878