

Code No.16162

**Anti-Human
BNP (Brain Natriuretic Peptide) Rabbit IgG**Volume : 100 µg

Introduction : Brain sodium diuretic peptide (BNP) is isolated from the pig brain and is identified as the second diuretic peptide following atrial natriuretic peptide (ANP). It consists of 32 amino acid residues having a ring-shaped structure. It has been reported that it is secreted mainly from ventricles, and has a key role in adjusting the body fluid volume and the blood pressure by its vasodilatory effect and diuretic action. Also, it has been reported that BNP increases significantly in the chronic and acute cardiac failure patients depending on the severity of symptoms, while BNP concentration is extremely low in plasma in the healthy individuals. Therefore, it is assumed that the measurement of BNP is significant to know the state of cardiac failure.

Antigen : Synthetic peptide of a part of human BNP

Purification : Purified with Protein A

Form : Lyophilized product from PBS containing 1 % BSA and 0.05 % NaN₃

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /mL)

Stability : Lyophilized product, 5 years at 2 – 8 °C
: Solution, 2 years at –20 °C

Application : This antibody can be used for immunohistochemistry with bouin fixed paraffin embedded tissues. The recommended concentration is 4 - 20 µg/mL, however, the concentration should be optimized by each laboratory.

Specificity : Confirmed in human brain tissue.

For research use only, not for use in diagnostic procedures.