

NPPB

Reactivity:Human Mouse

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:15kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human NPPB

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

a

Synonym:

NPPB; BNP; Gamma-brain natriuretic peptide;

Catalog #:A2179

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:4879

Isotype:IgG

Swiss Prot:P16860

Purity:Affinity purification

For research use only.

Background:

B-type natriuretic peptide (BNP) is a cardiac neurohormone specifically secreted from the ventricles in response to volume expansion and pressure overload (1). The actions of BNP include natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. It is also found to help restore the body's salt and water balance and improve heart function (2). BNP is co-secreted along with a biologically inactive N-terminal fragment (NT-proBNP). Circulating BNP and NT-proBNP provide important information on cardiac dysfunction, hypervolemia, and risk in patients with severe impairment of kidney function (3).

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