

## CAB23996

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### Product Information

<b>Product SKU:</b>	CAB23996	<b>Gene ID:</b>	4879	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC62057	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	15kDa	<b>Conjugate:</b>	-
<b>Calculated MW:</b>	15kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** This gene is a member of the natriuretic peptide family and encodes a secreted protein which functions as a cardiac hormone. The protein undergoes two cleavage events, one within the cell and a second after secretion into the blood. The protein's biological actions include natriuresis, diuresis, vasorelaxation, inhibition of renin and aldosterone secretion, and a key role in cardiovascular homeostasis. A high concentration of this protein in the bloodstream is indicative of heart failure. The presence of myocardial injury is a significant predictor of mortality in hospitalized coronavirus disease 2019 (COVID-19) patients, and there is evidence of increased levels of natriuretic peptide B in hospitalized non-survivor COVID-19 patients. The protein also acts as an antimicrobial peptide with antibacterial and antifungal activity. Mutations in this gene have been associated with postmenopausal osteoporosis.

**Recommended Dilution:** WB,1:500 - 1:1000

**Synonyms:** BNP; Iso-ANP

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 35-134 of human BNP (NP\_002512.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.