

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## NPPB RABBIT PAB

Cat.#: S217134

**Product Name:** Anti-NPPB Rabbit Polyclonal Antibody

Synonyms: BNP

UNIPROT ID: P16860 (Gene Accession - BC025785)

**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. Mutations in this gene have been associated with postmenopausal osteoporosis.

Immunogen: Fusion protein of human NPPB

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

**Purification:** Antigen affinity purification

Species Reactivity: Human

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

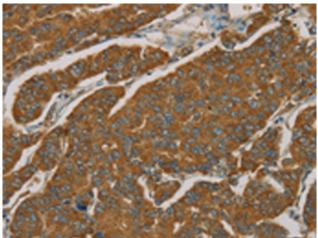
**Research Areas:** Signal Transduction, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

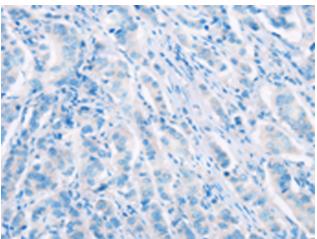


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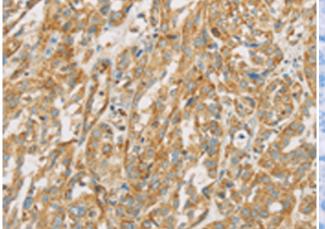
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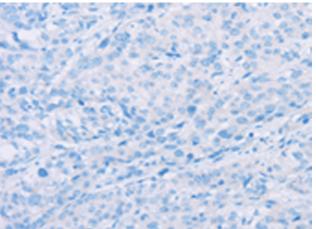
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 217134(NPPB Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 217134(Anti-NPPB Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human esophagus cancer tissue using 217134(Anti-NPPB Antibody) at a dilution protein and then with D221858(Anti-NPPB of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion Antibody) at dilution 1/30.