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Datasheet for ABIN755519

anti-proBNP antibody (AA 21-121) (FITC)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | proBNP |
| Binding Specificity: | AA 21-121 |
| Reactivity: | Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This proBNP antibody is conjugated to FITC |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from mouse proBNP |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | proBNP |
| Alternative Name: | proBNP (proBNP Products) |
| Background: | Synonyms: BNP 32, BNP1-28, BNP1-29, BNP1-30, BNP1-32, BNP2-31, BNP3-29, BNP3-30, |

Target Details

BNP3-32, BNP4-27, BNP4-29, BNP4-30, BNP4-31, BNP4-32, BNP5-29, BNP5-31, BNP5-32, Brain natriuretic peptide 32, Brain type natriuretic peptide, Gamma brain natriuretic peptide, Natriuretic peptide B, Natriuretic peptide brain type, Natriuretic peptide precursor B, natriuretic peptide, brain type, ANFB_MOUSE, Natriuretic peptides B, natriuretic protein, NPPB, NPPB protein.

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.

Gene ID: 18158

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months