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Datasheet for ABIN4997540

anti-BNP antibody (AA 85-115) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	BNP
Binding Specificity:	AA 85-115
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BNP antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from rat BNP
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Mouse
Purification:	Purified by Protein A.

Target Details

Target:	BNP
Alternative Name:	BNP (BNP Products)
Background:	Synonyms: BNP, Bnf, Natriuretic peptides B, Gamma-brain natriuretic peptide, Iso-ANP, Nppb

Target Details

Background: Cardiac hormone which may function as a paracrine antifibrotic factor in the heart. Also plays a key role in cardiovascular homeostasis through natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3 (By similarity).

Gene ID: 25105

UniProt: [P13205](#)

Pathways: [Hormone Activity](#)

Application Details

Application Notes: IF(IHC-P) 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