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Datasheet for ABIN191916
anti-NPPB antibody (N-Term)

1 Image

Overview

Quantity:	0.1 mg
Target:	NPPB
Binding Specificity:	AA 1-21, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NPPB antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic human pro-BNP (aa 1-21) poly Lysin conjugated AA Sequence: HPLGSPGSASDLETSGLQEQR
Clone:	21-06-06
Isotype:	IgG2a
Specificity:	This antibody detects Synthetic Human proBNP (aa 1-21), Human proBNP
Characteristics:	Synonyms: NPPB, Brain natriuretic peptide, BNP, proBNP, Gamma-brain natriuretic peptide
Purification:	Protein A Chromatography

Target Details

Target:	NPPB
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Target Details

Alternative Name:	Natriuretic Peptides B (NPPB Products)
Background:	In cardiac tissue brain natriuretic peptide (BNP) is synthesized as 134 amino acid precursor (prepro-BNP), which is cleaved by proteases to form a 26 aa "signal" peptide and a 108 aa pro-BNP. Proteolytic digestion of pro-BNP results in formation of 76 aa amino-terminal NT-proBNP and biologically active 32 aa BNP hormone molecule. Both proBNP and NTproBNP circulate in human plasma and have been proposed as markers for early diagnosis of left ventricular dysfunction as well as prognostic markers of possible cardiac complications at patients with heart failure. Synonyms: BNP, Brain natriuretic peptide, Gamma-brain natriuretic peptide, NPPB, proBNP
Gene ID:	4879
UniProt:	P16860
Pathways:	Hormone Activity

Application Details

Application Notes:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in aqua bidest to 1 mg/mL
Buffer:	200 mM Sodium Citrat / Tris, 500 mM NaCl buffer pH 7.5 containing 0.02 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store lyophilized at 2 - 8 °C and reconstituted at -20 °C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
Expiry Date:	12 months

Immunohistochemistry

Image 1.

