

Mouse Natriuretic peptides B Monoclonal Antibody | anti-NPPB antibody

Mouse anti- Human Natriuretic peptides B(NPPB) monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118872	Mouse	Human. Other species are not tested. Please decide the specificity by human RRM1	Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Natriuretic peptides B; Monoclonal Antibody; Mouse anti- Human Natriuretic peptides B(NPPB) monoclonal Antibody; NPPB; BNP; anti-NPPB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Other species are not tested. Please decide the specificity by human RRM1
Clonality	Monoclonal
Isotype	IgG2b
Specificity	Specific for human NPPB denatured and native forms.
Purity/Purification	>95%, Protein G Purified
Sequence Length	134
Applicable Applications for anti-NPPB antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant Human NPPB Protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-101418 / sc-271185
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



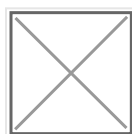
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart in 30ug/ml dilute concentrations.



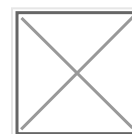
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain in 30ug/ml dilute concentrations.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart using AAA118872 in 30ug/ml dilute concentrations.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain using AAA118872 in 30ug/ml dilute concentrations.

ADDITIONAL INFORMATION

Related Product Information for anti-NPPB antibody	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.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505433
NCBI GeneID	4879
NCBI Accession #	NP_002512.1
NCBI GenBank Nucleotide #	NM_002521.2
UniProt Accession #	P16860; Q6FGY0; Q9P2Q7; B0ZBE9
Molecular Weight	14,726 Da
NCBI Official Full Name	natriuretic peptides B preproprotein
NCBI Official Synonym Full Names	natriuretic peptide B
NCBI Official Symbol	NPPB
NCBI Official Synonym Symbols	BNP
NCBI Protein Information	natriuretic peptides B
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	NPPB
UniProt Synonym Gene Names	BNP(1-32); BNP-32
UniProt Entry Name	ANFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.