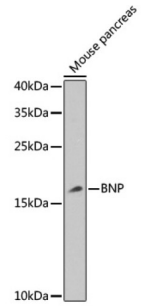
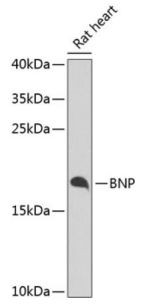
Natriuretic Peptides B (NPPB) Antibody

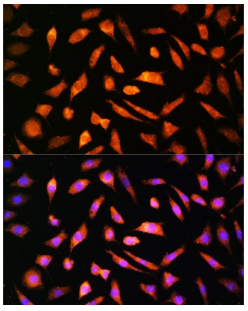
Catalogue No.:abx001791



Western blot analysis of extracts of Mouse pancreas using BNP Antibody (1/1000 dilution).



Western blot analysis of extracts of Rat heart using BNP Antibody (1/1000 dilution).



Immunofluorescence analysis of L929 cells using BNP Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

NPPB Antibody is a Rabbit Polyclonal antibody against NPPB. 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. The protein also acts as an antimicrobial peptide with antibacterial and antifungal activity. Mutations in this gene have been associated with postmenopausal osteoporosis.

Target:	Natriuretic Peptides B (NPPB)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IF/ICC
Host:	Rabbit

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Recommended dilutions:	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human BNP
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P16860 (UniProt, ExPASy)
Gene Symbol:	NPPB
GeneID:	4879
OMIM:	600295
NCBI Accession:	NP_002512.1
HGNC:	7940
KEGG:	hsa:4879
Ensembl:	ENSG00000120937
String:	9606.ENSP00000365651
Molecular Weight:	Calculated MW: 14 kDa Observed MW: 17 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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