

Anti-BNP Rabbit pAb



WL02126

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-BNP Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Natriuretic peptides comprise a family of three structurally related molecules: atrial natriuretic peptide (ANP), brain natriuretic peptide (BNP) and C-type natriuretic peptide (CNP). BNP 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. ANP, BNP and CNP are highly homologous within the 17-residue ring structure formed by an intramolecular disulfide linkage.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of BNP.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

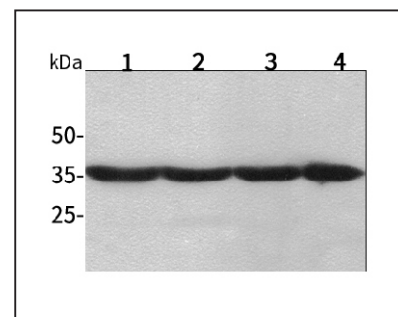
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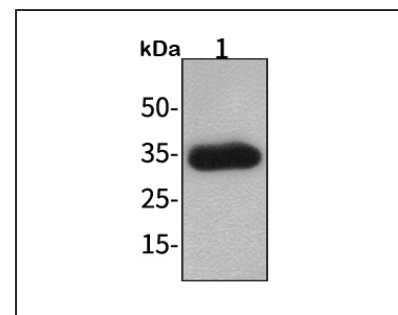
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Product Images



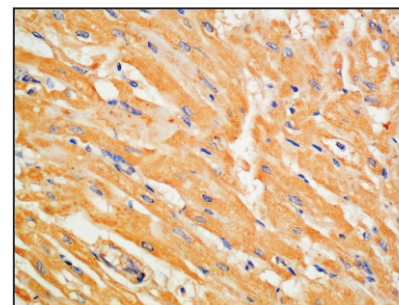
Western blot-Anti-BNP pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-BNP at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: glycosylated BNP precursor : 25-36 kDa
 Observed band size: glycosylated BNP precursor : 25-36 kDa



Western blot-Anti-BNP pAb

Lane 1: Mouse heart tissue lysate
 All lanes: Anti-BNP at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: glycosylated BNP precursor : 25-36 kDa
 Observed band size: glycosylated BNP precursor : 25-36 kDa



Immunohistochemistry-Anti-BNP pAb

Immunohistochemical analysis of paraffin-embedded rat heart using anti-BNP Rabbit Antibody at 1:500 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

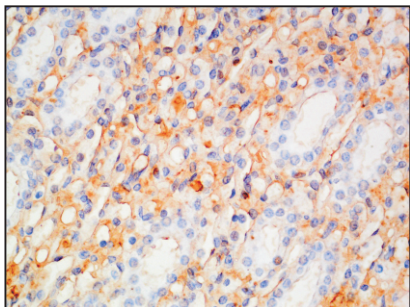
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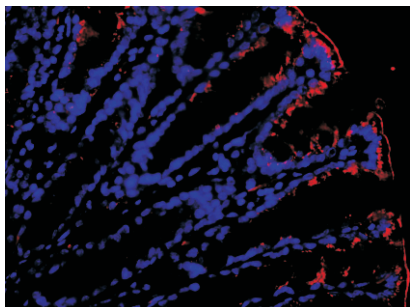
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Immunohistochemical analysis of paraffin-embedded rat heart using anti-BNP Rabbit Antibody at 1:500 dilution.

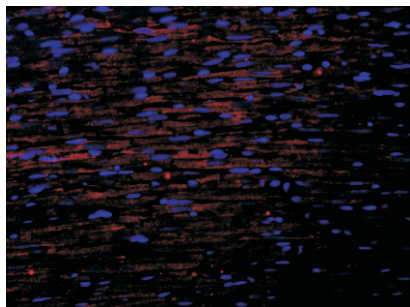
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-BNP pAb

Immunohistochemical analysis of paraffin-embedded mouse colon using anti-BNP Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-BNP pAb

Immunohistochemical analysis of paraffin-embedded mouse colon using anti-BNP Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0