

ANP Polyclonal Antibody

Product Details

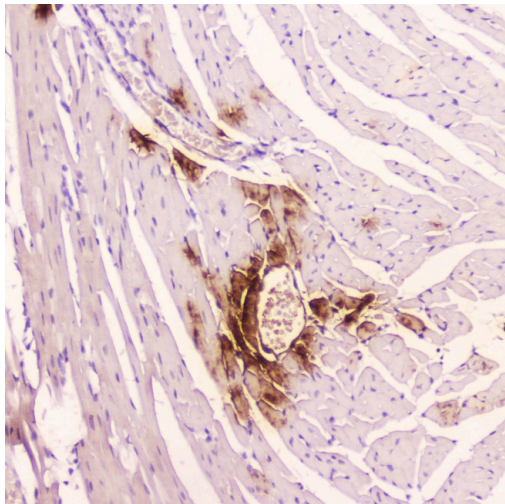
Size	100 µg
Species Reactivity	Mouse, Rat
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived mouse ANP recombinant protein (Position: N25-R122).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2746873

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-

Product Specific Information

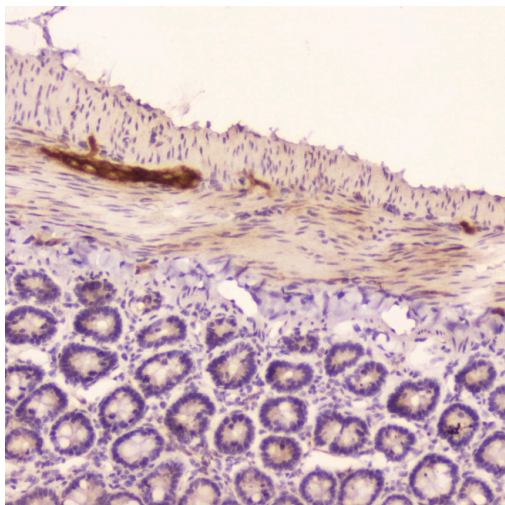
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For ANP Polyclonal Antibody



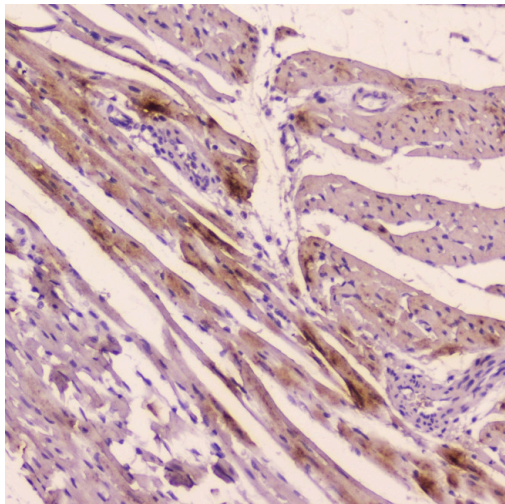
ANP Antibody (PA5-79758) in IHC (P)

Immunohistochemistry analysis of ANP on paraffin-embedded mouse cardiac muscle tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with ANP polyclonal antibody (Product# PA5-79758) with a dilution of 2 µg/mL (overnight at 4°C), followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



ANP Antibody (PA5-79758) in IHC (P)

Immunohistochemistry analysis of ANP on paraffin-embedded rat small intestine tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with ANP polyclonal antibody (Product# PA5-79758) with a dilution of 2 µg/mL (overnight at 4°C), followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



ANP Antibody (PA5-79758) in IHC (P)

Immunohistochemistry analysis of ANP on paraffin-embedded rat cardiac muscle tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with ANP polyclonal antibody (Product# PA5-79758) with a dilution of 2 µg/mL (overnight at 4°C), followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.

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Western Blot (1)

American journal of physiology. Renal physiology	Year 2020
Differential effects of low-dose sacubitril and/or valsartan on renal disease in salt-sensitive hypertension.	Species Rat
"PA5-79758 was used in Western Blot to investigate if increasing atrial natriuretic peptide levels with sacubitril, combined with renin-angiotensin system blockage by valsartan, can be beneficial for alleviation of renal damage in a model of salt-sensitive hypertension."	
Authors: Polina I,Domondon M,Fox R,Sudarikova AV,Troncoso M,Vasileva VY,Kashyrina Y,Gooz MB,Schibalski RS,DeLeon-Pennell KY,Fitzgibbon WR,Ilatovskaya DV	

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