

Product Datasheet

Atrial Natriuretic Peptide/ANP Antibody (2C5S5) NBP3-33325-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-33325-100ul

Atrial Natriuretic Peptide/ANP Antibody (2C5S5)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2C5S5
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	16 kDa

Product Description	
Description	Novus Biologicals Rabbit Atrial Natriuretic Peptide/ANP Antibody (2C5S5) (NBP3-33325) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4878
Gene Symbol	NPPA
Species	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Atrial Natriuretic Peptide/ANP (NP_006163.1). Sequence: MSSFSTTTVSFLLLLAFQLLGQTRANPMYNAVSNADLMDFKNLLDHLEEKMPLE DEVVPPQVLSEPNEEAGAALSPLPEVPPWTGEVSPAQRDGGALGRG

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000 - 1:6000, ELISA Recommended starting concentration is 1 ug/mL, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200



Images

Western Blot: Atrial Natriuretic Peptide/ANP Antibody (2C5S5) [NBP3-33325] - Western blot analysis of lysates from wild type (WT) and 293T cells transfected with Atrial Natriuretic Peptide/ANP using Atrial Natriuretic Peptide/ANP Rabbit mAb at 1:5000 dilution.

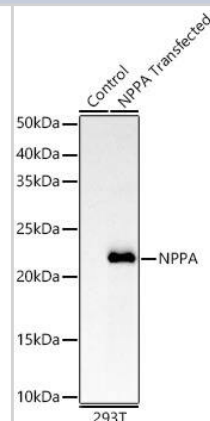
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

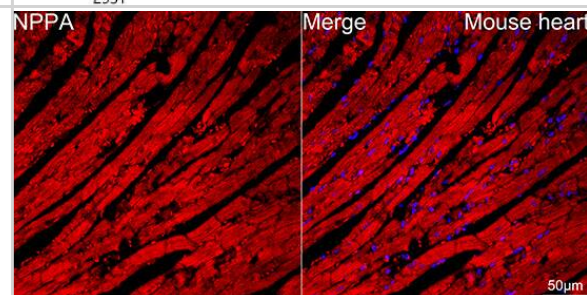
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit.

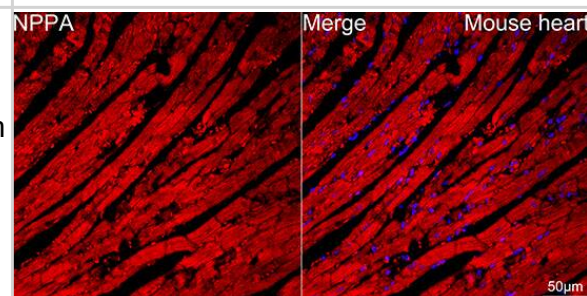
Exposure time: 60s.



Immunocytochemistry/ Immunofluorescence: Atrial Natriuretic Peptide/ANP Antibody (2C5S5) [NBP3-33325] - Confocal imaging of paraffin-embedded mouse heart using Atrial Natriuretic Peptide/ANP Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunocytochemistry/ Immunofluorescence: Atrial Natriuretic Peptide/ANP Antibody (2C5S5) [Atrial Natriuretic Peptide/ANP] - Confocal imaging of paraffin-embedded mouse heart using Atrial Natriuretic Peptide/ANP Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Western Blot: Atrial Natriuretic Peptide/ANP Antibody (2C5S5) [Atrial Natriuretic Peptide/ANP] - Western blot analysis of lysates from wild type (WT) and 293T cells transfected with Atrial Natriuretic Peptide/ANP using Atrial Natriuretic Peptide/ANP Rabbit mAb at 1:5000 dilution.

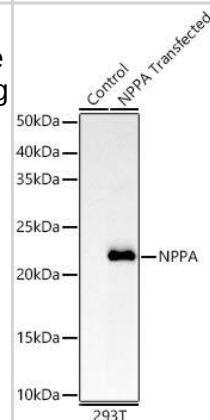
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit.

Exposure time: 60s.





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Products Related to NBP3-33325-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-17073PEP	Atrial Natriuretic Peptide/ANP Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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