

Product Datasheet

Influenza A H1N1 PA Antibody - (A/WSN/1933) - BSA Free NBP2-42874

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-42874

Influenza A H1N1 PA Antibody - (A/WSN/1933) - BSA Free

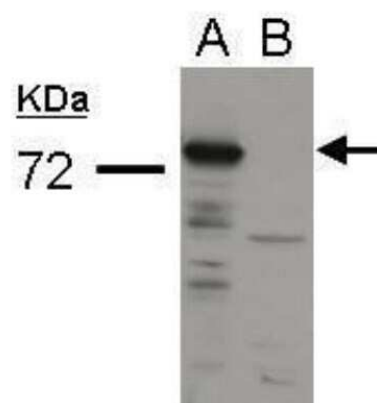
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	83 kDa

Product Description	
Description	Novus Biologicals Rabbit Influenza A H1N1 PA Antibody - (A/WSN/1933) - BSA Free (NBP2-42874) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-Influenza A H1N1 PA Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Virus
Reactivity Notes	Influenza A Virus H1N1.
Specificity/Sensitivity	Influenza A H1N1 PA (A/WSN/1933)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of Influenza A virus PA (A/WSN/1933(H1N1)). The exact sequence is proprietary.

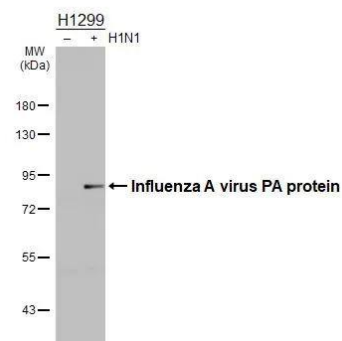
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000

Images

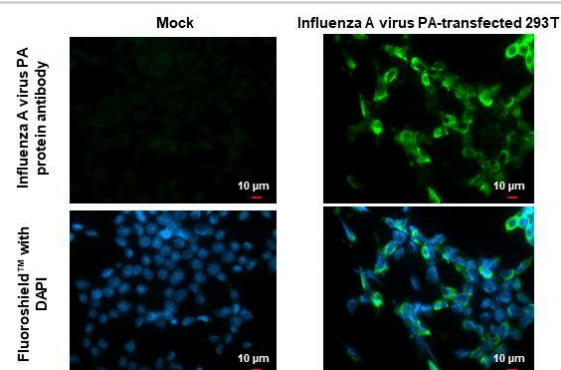
Western Blot: Influenza A H1N1 PA Antibody - (A/WSN/1933) [NBP2-42874] - Analysis of 60 ug whole cell lysate. A: DF-1(WSN infected cell lysates) B: DF-1 cell lysates diluted at 1:250.



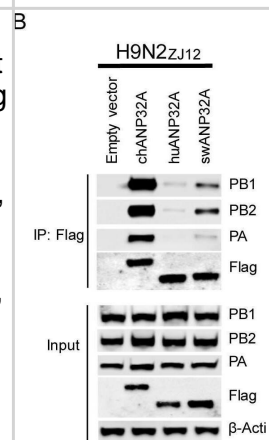
Non-infected (-) and infected (+) H1299 whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Influenza A virus PA protein antibody (NBP2-42874) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



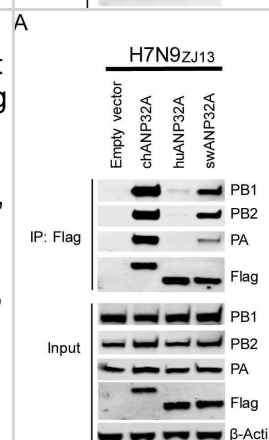
Influenza A virus PA protein antibody detects Influenza A virus PA protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Influenza A virus PA protein stained by Influenza A virus PA protein antibody (NBP2-42874) diluted at 1:500. Blue: Fluoroshield with DAPI.



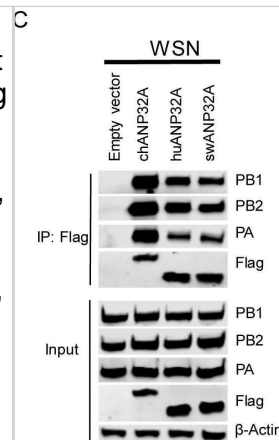
ANP32A proteins from different species interact with different polymerase trimeric complexes. DKO cells were transfected with different ANP32A (0.6 μg) and polymerase plasmids (0.6 μg PA, 1 μg PB1, and 1 μg PB2) from avian influenza viruses H7N9ZJ13(A), H9N2ZJ12(B), human influenza virus polymerase WSN (C). The cells were lysed at 24 h post-transfection. Co-IP was performed using Anti-FLAG M2 Magnetic Beads, followed by Western blotting to detect the ANP32A and viral proteins by using specific antibodies: PA antibody (NBP2-42874, NOVUS), PB1 antibody (NBP2-42877, NOVUS), PB2 antibody (NBP2-42879, NOVUS), Anti-Flag antibody (F1804, SIGMA). Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/32084248>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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Publications

Zhang H, Li H, Wang W et al. A unique feature of swine ANP32A provides susceptibility to avian influenza virus infection in pigs PLoS Pathog. 2020-02-21 [PMID: 32084248] (WB, Porcine)



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Products Related to NBP2-42874

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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