

Product Datasheet

POM121 Antibody NBP2-19890

Unit Size: 0.1 ml

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

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Publications: 6

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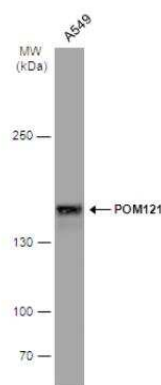
NBP2-19890**POM121 Antibody**

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, 1% BSA
Target Molecular Weight	128 kDa
Product Description	
Description	Novus Biologicals Rabbit POM121 Antibody (NBP2-19890) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-POM121 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9883
Gene Symbol	POM121
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (81%).
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human POM121. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

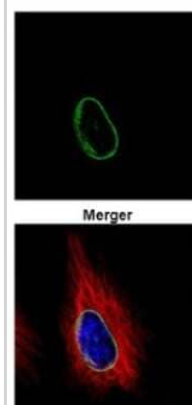


Images

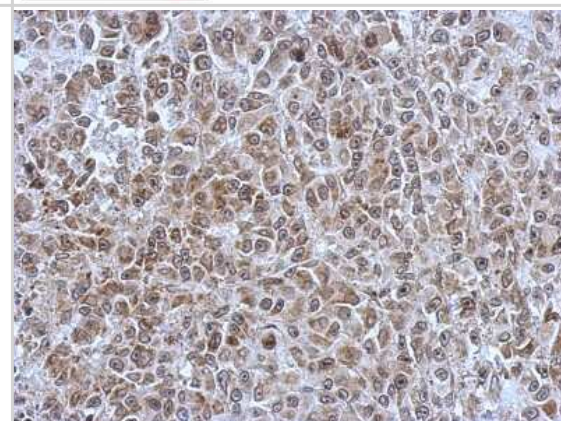
Western Blot: POM121 Antibody [NBP2-19890] - Whole cell extract (30 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with POM121 antibody [N2N3] diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



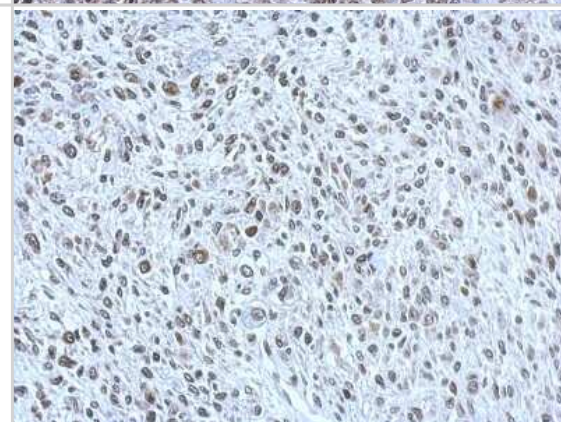
Immunocytochemistry/Immunofluorescence: POM121 Antibody [NBP2-19890] - Confocal immunofluorescence analysis of methanol-fixed HeLa, using POM121 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments are labeled with Alpha-tubulin antibody (Red) at 1:500.



Immunohistochemistry-Paraffin: POM121 Antibody [NBP2-19890] - HBL435 xenograft, using POM121 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: POM121 Antibody [NBP2-19890] - Immunohistochemical analysis of paraffin-embedded C2C12 xenograft, using antibody at 1:500 dilution.



Publications

Stang TE, Salapa HE, Clarke JWE et al. Heterogeneous Nuclear Ribonucleoprotein A1 Knockdown Alters Constituents of Nucleocytoplasmic Transport Brain Sciences 2024-10-19 [PMID: 39452051]

Hochmair J, Exner C, Franck M et al. Molecular crowding and RNA synergize to promote phase separation, microtubule interaction, and seeding of Tau condensates The EMBO journal 2022-03-17 [PMID: 35298090] (ICC/IF, Human)

Rossi A, Coum A, Madelenat M, et al. Neural stem cells alter nucleocytoplasmic partitioning and accumulate nuclear polyadenylated transcripts during quiescence bioRxiv 2021-01-07 (WB)

Kim Jihye, Chung Joon-Yong, Kim Tae-Joong et al. Genomic Network-Based Analysis Reveals Pancreatic Adenocarcinoma Up-Regulating Factor-Related Prognostic Markers in Cervical Carcinoma. Frontiers in Oncology 2018-10-23 [PMID: 30406031] (IHC-P, Human)

Bilir S, Kojidani T, Mori C et al. Roles of Nup133, Nup153 and membrane fenestrations in assembly of the nuclear pore complex at the end of mitosis Genes Cells 2019-02-28 [PMID: 30821042] (Human)

Guo J, Liu X, Wu C et al. The transmembrane nucleoporin Pom121 ensures efficient HIV-1 pre-integration complex nuclear import. Virology. 2018-06-25 [PMID: 29957337] (WB, Human)





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Products Related to NBP2-19890

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-13788PEP	POM121 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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