

Product Datasheet

Aurora A Antibody - BSA Free NBP1-90103

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-90103

Aurora A Antibody - 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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

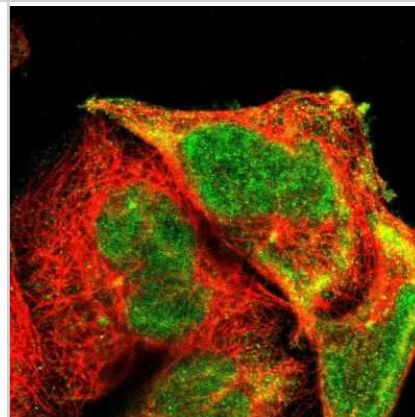
Product Description	
Description	Novus Biologicals Rabbit Aurora A Antibody - BSA Free (NBP1-90103) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Aurora A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6790
Gene Symbol	AURKA
Species	Human
Marker	Mitosis Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ISGPVKATAPVGGPKRVLVTQQFPCQNPLPVNSGQAQRVLCPSNSSQRVPLQ AQKLVSSHKPVQNQKQKQLQATSVPHVSRPLNNTQKSKQPLPSAPENNPEE ELASKQKNEESKKRQWALEDFEIGRPLGKGKFGNVYL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. The antibody solution should be gently mixed before use. Optimal concentrations and conditions for each application should be determined by the user.



Images

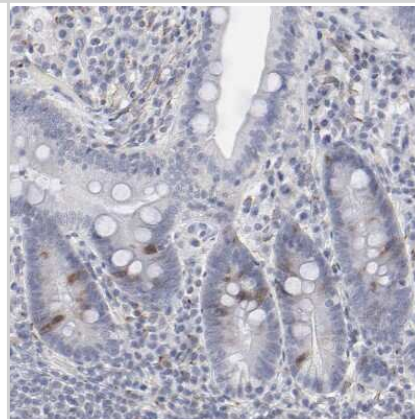
Immunocytochemistry/Immunofluorescence: Aurora A Antibody [NBP1-90103] - Immunofluorescent staining of human cell line A-431 shows localization to nucleus, cytosol & centrosome.



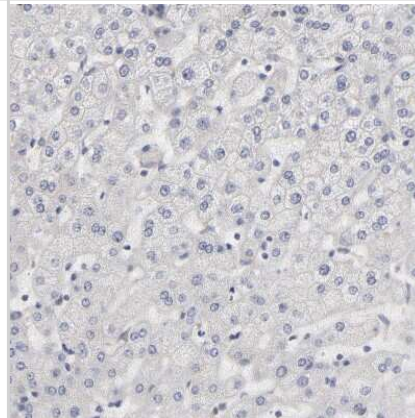
Immunohistochemistry-Paraffin: Aurora A Antibody [NBP1-90103] - Staining of human testis shows moderate cytoplasmic positivity in a subset of cells in seminiferous ducts.



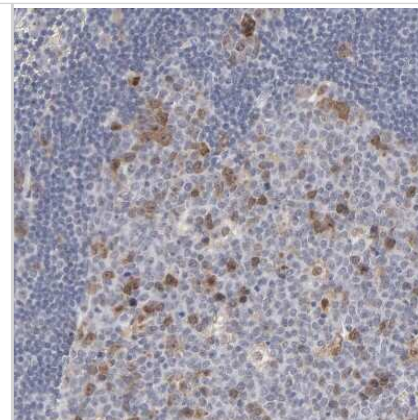
Immunohistochemistry-Paraffin: Aurora A Antibody [NBP1-90103] - Staining of human duodenum shows weak to moderate cytoplasmic positivity in a subset of glandular cells.



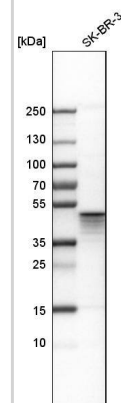
Immunohistochemistry-Paraffin: Aurora A Antibody [NBP1-90103] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Aurora A Antibody [NBP1-90103] - Staining of human lymph node shows weak to moderate cytoplasmic positivity in germinal center cells.



Analysis in human cell line SK-BR-3.



Publications

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).



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Products Related to NBP1-90103

NBP1-90103PEP	Aurora A Recombinant Protein Antigen
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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