

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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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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

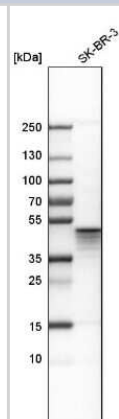
Host	Rabbit
Gene ID	6790
Gene Symbol	AURKA
Species	Human
Marker	Mitosis Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ISGPVKATAPVGGPKRVLVTQQFPCQNPLPVNSGQAQRVLCPSNSSQRVPLQ AQKLVS SHKPVQNQKQKQLQATSV PHPVSRPLNNTQKSKQPLPSAPENNPEE ELASKQKNEESKKRQWALEDFEIGRPLGKGKFGNVYL

Product Application Details

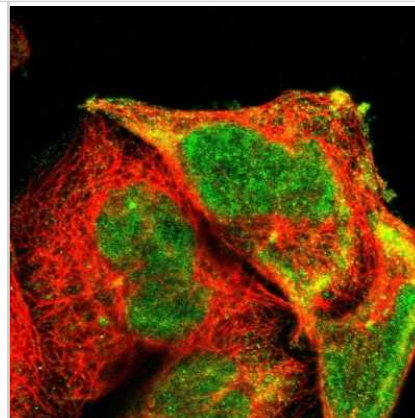
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
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

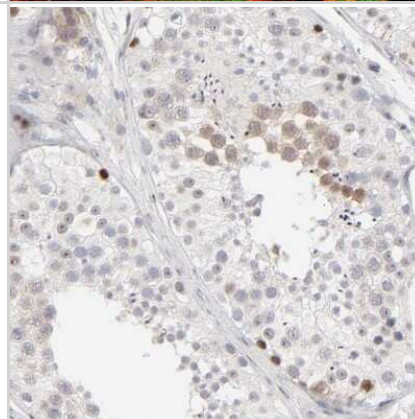
Western Blot: Aurora A Antibody [NBP1-90103] - Analysis in human cell line SK-BR-3.



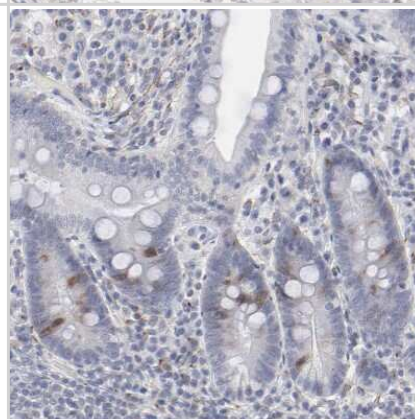
Immunocytochemistry/Immunofluorescence: Aurora A Antibody [NBP1-90103] - Immunofluorescent staining of human cell line A-431 shows localization to nucleus, cytosol & centrosome.



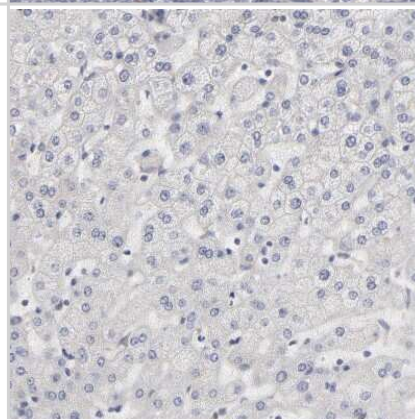
Immunohistochemistry-Paraffin: Aurora A Antibody [NBP1-90103] - Staining of human testis shows moderate cytoplasmic positivity in a subset of cells in seminiferous ducts.



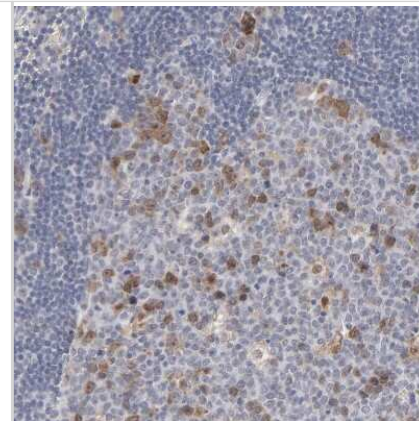
Immunohistochemistry-Paraffin: Aurora A Antibody [NBP1-90103] - Staining of human duodenum shows weak to moderate cytoplasmic positivity in a subset of glandular cells.



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.



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
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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