

Product Datasheet

Aurora A Antibody - BSA Free NB100-267

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 8

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NB100-267

Aurora A Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	46 kDa

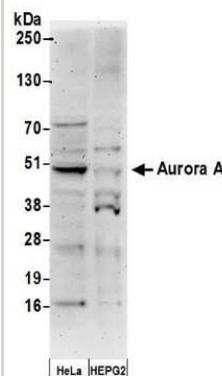
Product Description	
Description	Novus Biologicals Rabbit Aurora A Antibody - BSA Free (NB100-267) is a polyclonal antibody validated for use in WB and IP. Anti-Aurora A Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6790
Gene Symbol	AURKA
Species	Human
Marker	Mitosis Marker
Specificity/Sensitivity	This is specific for human STK15, Serine/Threonine Kinase 15, Aurora 2, BRAK, ARK1, Aurora-Related Kinase 1
Immunogen	The immunogen recognized by this antibody maps to a region between residues 75 and 125 of human Aurora A Kinase using the numbering given in entry NP_003591.2 (GeneID 6790).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-5 ug/mg lysate

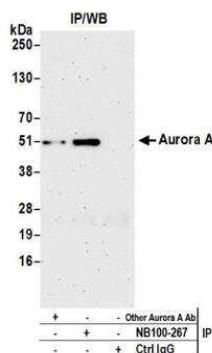


Images

Western Blot: Aurora A Antibody [NB100-267] - Samples: Whole cell lysate (50 ug) from HeLa and HEPG2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Aurora A antibody used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: Aurora A Antibody [NB100-267] - Detection of human Aurora A by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Aurora A antibody NB100-267 used for IP at 3 ug per reaction. Aurora A was also immunoprecipitated by another rabbit anti-Aurora A antibody. For blotting immunoprecipitated Aurora A, NB100-267 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Ana G, Bernardo O, Marco N et al. Micronuclei from misaligned chromosomes that satisfy the spindle assembly checkpoint in cancer cells. *Curr Biol.* 2022-08-27 [PMID: 36057259]

Drpic Danica, Almeida Ana C, Aguiar Paulo et al. Chromosome Segregation Is Biased by Kinetochores Size. *Current Biology : Cb* 2018-01-01 [PMID: 29706521]

Almeida AC, Soares-de-Oliveira J, Drpic D et al. Augmin-dependent microtubule self-organization drives kinetochore fiber maturation in mammals *Cell reports* 2022-04-05 [PMID: 35385739]

Ma N, Matsunaga S, Morimoto A et al. The nuclear scaffold protein SAF-A is required for kinetochore-microtubule attachment and contributes to the targeting of Aurora-A to mitotic spindles. *J Cell Sci* 2011-02-01 [PMID: 21242313]

Liu L, Guo C, Dammann R et al. RASSF1A interacts with and activates the mitotic kinase Aurora-A. *Oncogene* 2008-10-01 [PMID: 18641684]

Irelan JT, Murphy TJ, DeJesus PD et al. A role for IkkappaB kinase 2 in bipolar spindle assembly. *Proc Natl Acad Sci U S A* 2007-10-01 [PMID: 17939994]

Landen CN Jr, Lin YG, Immaneni A et al. Overexpression of the centrosomal protein Aurora-A kinase is associated with poor prognosis in epithelial ovarian cancer patients. *Clin Cancer Res* 2007-07-01 [PMID: 17634535]

Hontz AE, Li SA, Lingle WL et al. Aurora a and B overexpression and centrosome amplification in early estrogen-induced tumor foci in the Syrian hamster kidney: implications for chromosomal instability, aneuploidy, and neoplasia. *Cancer Res* 2007-04-01 [PMID: 17409401]



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Products Related to NB100-267

NBL1-07855	Aurora A Overexpression Lysate
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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