

Aurora B Polyclonal Antibody

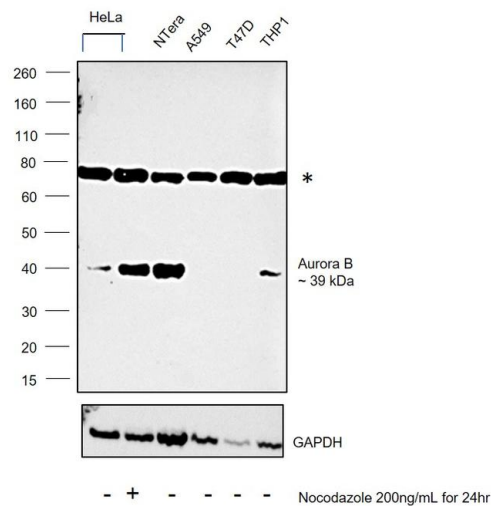
Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Bovine, Sheep, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from the N-terminal region of the human Aurora B protein.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533266

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	6 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	1 µg/mL	1 Publication
Immunoprecipitation (IP)	Assay-dependent	-

Product Images For Aurora B Polyclonal Antibody

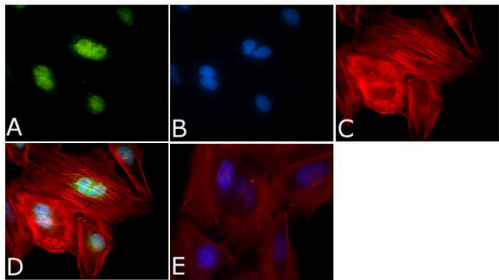
Aurora B Antibody (36-5200) in WB

Western blot was performed using Anti-Aurora B Polyclonal Antibody, (Product # 36-5200) and a 39 kDa band corresponding to Aurora B was observed across cell lines tested except in T47D. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), HeLa treated with Nocodazole (200 ng/mL for 24hr) (Lane 2), NTERA (Lane 3), A549 (Lane 4), T47D (Lane 5), THP1 (Lane 6) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP conjugate (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076). An uncharacterized band (*) was observed at ~78 kDa across the samples tested.



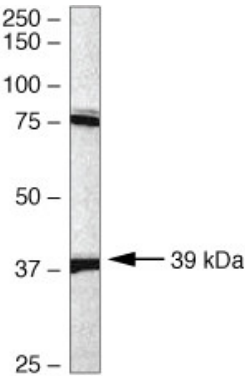
Aurora B Antibody (36-5200) in ICC/IF

Immunofluorescent analysis of Aurora B Antibody was done on 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 15 minutes, permeabilized with 0.25% Triton™ X-100 for 10 minutes, and blocked with 5% BSA for 1 hour at room temperature. The cells were labeled with Aurora B Antibody (Product # 36-5200) at 1µg/mL in 1% BSA and incubated for 3 hours at room temperature and then labeled with Alexa Fluor 488 Goat Anti-Rabbit IgG Secondary Antibody (Product # A-11008) at a dilution of 1:400 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor 594 Phalloidin (Product # A12381). Panel d is a merged image showing Nuclear localization. Panel e is a no primary antibody control. The images were captured at 40X magnification.



Aurora B Antibody (36-5200) in WB

Western blot analysis of HeLa cell lysates using Rb anti-Aurora B (Product # 36-5200).



Western blot analysis of HeLa cell lysates using Rb anti-Aurora B (Cat. no. 36-5200).

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Western Blot (6)

Open medicine (Warsaw, Poland)

lncRNA ELFN1-AS1 enhances the progression of colon cancer by targeting miR-4270 to upregulate AURKB.

"36-5200 was used in Western Blotting to show that the ELFN1-AS1/miR-4270/AURKB axis facilitates colon cancer (CC) tumorigenesis; therefore, targeting this axis might be a promising intervention in preventing CC progression."

Authors: Peng S,Luo Y,Chen L,Dai K,Wang Q

Year
2022

Species
Human

Dilution
1:1000

Frontiers in oncology

Artemisinin Mediates Its Tumor-Suppressive Activity in Hepatocellular Carcinoma Through Targeted Inhibition of FoxM1.

"Published figure using Aurora B polyclonal antibody (Product # 36-5200) in Western Blot"

Authors: Nandi D,Cheema PS,Singal A,Bharti H,Nag A

Year
2021

Species
Human

[View more WB references on thermofisher.cn](#)

Immunohistochemistry (1)

Journal of cellular physiology

Aurora B expression in post-puberal testicular germ cell tumours.

"Published figure using Aurora B polyclonal antibody (Product # 36-5200) in Immunohistochemistry"

Authors: Esposito F,Libertini S,Franco R,Abagnale A,Marra L,Portella G,Chieffi P

Year
2009

Species
Human
Bovine
Sheep

Immunocytochemistry (1)

Journal of clinical pathology

Aurora B expression correlates with aggressive behaviour in glioblastoma multiforme.

"36-5200 was used in immunocytochemistry, immunohistochemistry - paraffin section, and western blot to elucidate the correlation between aggressive behaviour in glioblastoma multiforme and aurora B expression"

Authors: Zeng WF,Navaratne K,Prayson RA,Weil RJ

Year
2007

More applications with references on thermofisher.cn

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