

Aurora A antibody

Cat. No. GTX134467

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human

Package 100 μΙ, 25 μΙ

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

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Suggested dilution	Recommended dilution	
WB	Assay dependent	
ICC/IF	Assay dependent	
Not tested in other applications.		
Calculated MW	46 kDa. (<u>Note</u>)	
Product Note	This antibody is specific for human Aurora A protein, and it doe	s not cross react with human Aurora B and Aurora C protein.

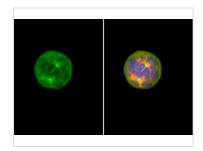
Properties		
Form	Liquid	
Buffer	PBS, 20% Glycerol	
Preservative	0.025% ProClin 300	
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	
Concentration	1.5 mg/ml (Please refer to the vial label for the specific concentration.)	
Immunogen	Recombinant protein encompassing a sequence within the center region of human Aurora A. The exact sequence is proprietary.	
Purification	Purified by antigen-affinity chromatography.	
Conjugation	Unconjugated	
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.	



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DATA IMAGES



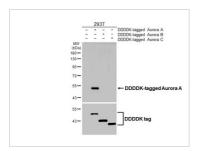
GTX134467 ICC/IF Image

Aurora A antibody detects Aurora A protein at centrosome by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Aurora A stained by Aurora A antibody (GTX134467) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



GTX134467 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Aurora A antibody (GTX134467) diluted at 1:5000. The HRPconjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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