

Product datasheet for TA594203

Aurora A (AURKA) Rabbit Monoclonal Antibody [Clone ID: OTIR1H2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIR1H2
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of Human AURKA (NP_940837) produced in Ecoli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Stability:	1 Year
Predicted Protein Size:	45.8kDa
Gene Name:	aurora kinase A
Database Link:	Entrez Gene 6790 Human O14965
Background:	The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]


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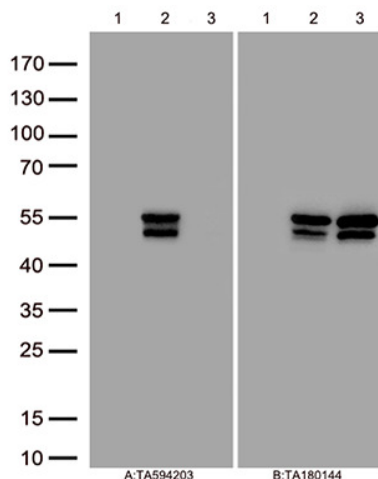
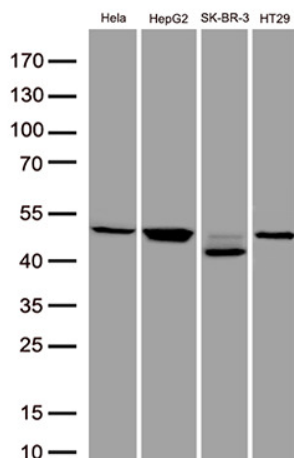
Product images:


Figure A, Western blot analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], lane 1), human AURKA plasmid ([RC201583], lane 2), mouse AURKA plasmid ([MR206182], lane 3) using anti-AURKA antibody TA594203 (1:2000). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000).



Western blot analysis of extracts (50ug per lane) from 4 cell lines lysates by using anti-AURKA monoclonal antibody (TA594203, 1:2000).