

Product datasheet for **TA335339**

Aurora A (AURKA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-AURKA Antibody is: synthetic peptide directed towards the middle region of Human AURKA. Synthetic peptide located within the following region: REKQSKFILALKVLFKAQLEKAGVEHQLRREVEIQSHLRHPNILRLYGYP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	aurora kinase A
Database Link:	NP_940839 Entrez Gene 6790 Human O14965
Background:	AURKA is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. It is found at the centrosome in interphase cells and at the spindle poles in mitosis. This protein 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.



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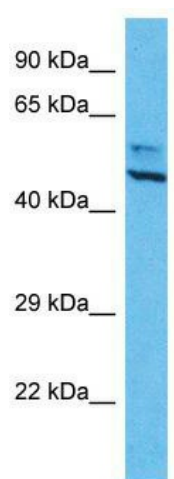
Synonyms: AIK; ARK1; AURA; BTAK; PPP1R47; STK6; STK7; STK15

Note: Immunogen Sequence Homology: Dog: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Pig: 93%; Rat: 93%; Mouse: 93%; Rabbit: 93%; Guinea pig: 93%; Zebrafish: 79%; Sheep: 77%

Protein Families: Druggable Genome, Protein Kinase, Stem cell - Pluripotency

Protein Pathways: Oocyte meiosis

Product images:



Host: Rabbit; Target Name: AURKA; Sample Tissue: Thyroid Tumor lysates; Antibody Dilution: 1.0 ug/ml