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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53574_P050-Biotin
Product Page	www.avivasysbio.com/aurka-antibody-middle-region-biotin-arp53574-p050-biotin.html
Name	AURKA Antibody - middle region : Biotin (ARP53574_P050-Biotin)
Protein Size (# AA)	403 amino acids
Molecular Weight	44kDa
Conjugation	Biotin
NCBI Gene Id	6790
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	aurora kinase C
Alias Symbols	AIK, ARK1, AURA, BTAK, STK6, STK7, STK15, PPP1R47
Peptide Sequence	Synthetic peptide located within the following region: REKQSKFILALKVLFKAQLEKAGVEHQLRREVEIQSHLRHPNILRLYGYF
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	CHFR; GADD45A; RPLP2; RPLP0; RPL38; RPL30; RPL27; RPL22; RPL12; RPL11; PSMB7; PSMB5; PSMA6; PSMA5; PSMA1; MAPK6; PPP6C; PCMT1; YBX1; NPM1; NCL; MFAP4; LYZ; ILF3; ILF2; IARS; HSPD1; HSP90AB1; HSP90AA1; HSPA9; HSPA8; HSPA5; HSPA2; HSPA1A; HNRNPU; HNRNPA2B1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-AURKA (ARP53574_P050-Biotin) antibody
Blocking Peptide	For anti-AURKA (ARP53574_P050-Biotin) antibody is Catalog # AAP53574
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human AURKA
Uniprot ID	O14965
Protein Name	Aurora kinase A
Protein Accession #	NP_940839
Purification	Affinity Purified
Nucleotide Accession #	NM_198437
Gene Symbol	AURKA
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Sheep: 77%; Zebrafish: 79%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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