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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53575_P050-Biotin
Product Page	www.avivasysbio.com/aurkc-antibody-middle-region-biotin-arp53575-p050-biotin.html
Name	AURKC Antibody - middle region : Biotin (ARP53575_P050-Biotin)
Protein Size (# AA)	309 amino acids
Molecular Weight	34kDa
Conjugation	Biotin
NCBI Gene Id	6795
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Aurora kinase C
Alias Symbols	AIE2, AIK3, ARK3, AurC, SPGF5, STK13, HEL-S-90, aurora-C
Peptide Sequence	Synthetic peptide located within the following region: TYDEKVDLWCIGVLCYELLVGYPPFESASHSETYRRILKVDVRFPLSMPL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Lim,J., (2007) Cell Cycle 6 (20), 2579-2580
Description of Target	AURKC may play a part in organizing microtubules in relation to the function of the centrosome/spindle pole during mitosis. This gene encodes a member of the Aurora subfamily of serine/threonine protein kinases. The encoded protein is a chromosomal passenger protein that forms complexes with Aurora-B and inner centromere proteins and may play a role in organizing microtubules in relation to centrosome/spindle function during mitosis. This gene is overexpressed in several cancer cell lines, suggesting an involvement in oncogenic signal transduction. Alternative splicing results in multiple transcript variants.
Protein Interactions	SRPK1; AURKB; HIST1H3A; INCENP; BIRC5; TACC2; UBC; HSP90AA1; BRCA1; LNX1; NEDD4L; NEDD4; CENPA;
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-AURKC (ARP53575_P050-Biotin) antibody
Blocking Peptide	For anti-AURKC (ARP53575_P050-Biotin) antibody is Catalog # AAP53575 (Previous Catalog # AAP32903)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human AURKC
Uniprot ID	Q9UQB9
Protein Name	Aurora kinase C
Protein Accession #	NP_001015878
Purification	Affinity Purified
Nucleotide Accession #	NM_001015878
Gene Symbol	AURKC
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Goat: 79%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%; 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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