AURKC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AURKC, Polyclonal Antibody
Full Product Name	AURKC Polyclonal Antibody
Product Gene Name	anti-AURKC antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	32kDa; 33kDa; 35kDa
OMIM	243060
3D Structure	ModBase 3D Structure for Q9UQB9
Immunogen	A synthetic peptide of human AURKC.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-AURKC antibody	Immunohistochemistry (IHC)
Application Notes for anti-AURKC antibody	IHC: 1:50-1:200
Related Product Information for anti-AURKC antibody	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.
Other Notes	Small volumes of anti-AURKC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AURKC purchase	MBS8571612 is an antibody targeting AURKC. Also known as AURKC Polyclonal Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AURKC. It may not necessarily be applicable to this product.

NCBI GI #	62865639
NCBI GeneID	6795
NCBI Accession #	NP_001015878.1
UniProt Primary Accession #	Q9UQB9

UniProt Related Accession #	Q9UQB9
GenBank Nucleotide #	NP_001015878.1
NCBI Official Full Name	aurora kinase C isoform 1
NCBI Official Synonym Full Names	aurora kinase C
NCBI Official Symbol	AURKC
NCBI Official Synonym Symbols	AIE2; AIK3; ARK3; AurC; SPGF5; STK13; HEL-S-90; aurora-C
UniProt Protein Name	Aurora kinase C
UniProt Synonym Protein Names	Aurora 3; Aurora/IPL1-related kinase 3; ARK-3; Aurora-related kinase 3; Aurora/IPL1/Eg2 protein 2; Serine/threonine-protein kinase 13; Serine/threonine-protein kinase aurora-C
Protein Family	Aurora kinase
UniProt Gene Name	AURKC
UniProt Synonym Gene Names	AIE2; AIK3; AIRK3; ARK3; STK13; ARK-3
UniProt Entry Name	AURKC_HUMAN
NCBI Protein Information	aurora kinase C
Research Articles on AURKC	**1.** This study showed the role of Lactobacilli in down-regulation of TSGA10, AURKC, OIP5 and AKAP4 genes. Such expression change might be involved in the anticancer effects of these Lactobacilli. The underlying mechanisms of these observations are not clear but epigenetic modulatory mechanisms may participate in this process.
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