

Rabbit anti-Human AURKC Polyclonal Antibody | anti-AURKC antibody

AURKC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233747	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

AURKC; Polyclonal Antibody; AURKC Antibody; Aurora kinase C; 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; AIE2; AIK3; AIRK3; ARK3; STK13; anti-AURKC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	309
Applicable Applications for anti-AURKC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Aurora kinase C protein (12-143AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



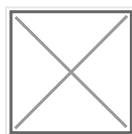
IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA233747 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



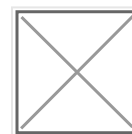
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human melanoma cancer using AAA233747 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA233747 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: A375 whole cell lysateAll lanes: AURKC antibody at 3.2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 36, 33, 34 KDaObserved band size: 45 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-AURKC antibody	Serine/threonine-protein kinase component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Plays also a role in meiosis and more particularly in spermatogenesis. Has redundant cellular functions with AURKB and can rescue an AURKB knockdown. Like AURKB, AURKC phosphorylates histone H3 at 'Ser-10' and 'Ser-28'. AURKC phosphorylates the CPC complex subunits BIRC5/survivin and INCENP leading to increased AURKC activity. Phosphorylates TACC1, another protein involved in cell division, at 'Ser-228'.
Product Categories/Family for anti-AURKC antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865639
NCBI GeneID	6795
NCBI Accession #	NP_001015878.1
NCBI GenBank Nucleotide #	NM_001015878.1
UniProt Accession #	Q9UQB9; O60681; O75442; Q6AZY8; Q6DLZ0; Q9UPK5
Molecular Weight	33,672 Da
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
NCBI Protein Information	aurora kinase C
UniProt Protein Name	Aurora kinase C
UniProt Gene Name	AURKC
UniProt Synonym Gene Names	AIE2; AIK3; AIRK3; ARK3; STK13; ARK-3; Aurora-related kinase 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aurkc-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233747>