

Rabbit anti-Human Aurora A Polyclonal Antibody | anti-AURKA antibody

Anti-Aurora A Antibody, Rabbit Polyclonal

CATALOG # AAA254343	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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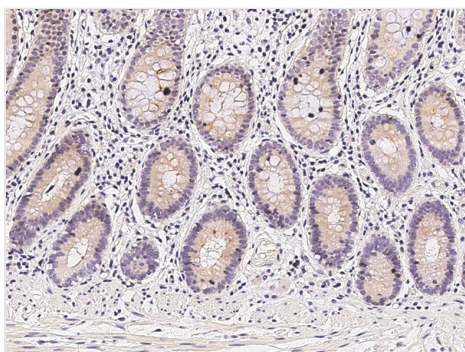
PRODUCT SYNONYMS

Aurora A; Polyclonal Antibody; Anti-Aurora A Antibody; Rabbit Polyclonal; Aurora A/AURKA Antibody; Rabbit PAb; Antigen Affinity Purified; aurora kinase A; Anti-AIK Antibody; Anti-ARK1 Antibody; Anti-AURA Antibody; Anti-AURORA2 Antibody; Anti-BTAK Antibody; Anti-PPP1R47 Antibody; Anti-STK15 Antibody; Anti-STK6 Antibody; Anti-STK7 Antibody; anti-AURKA antibody

PRODUCT SPECIFICATIONS

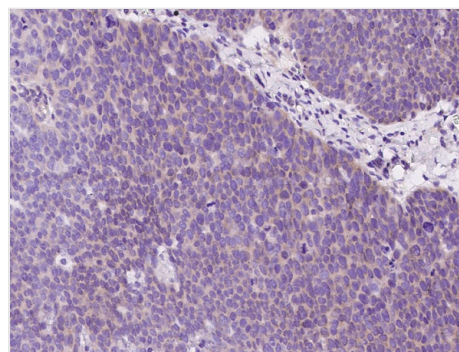
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Aurora A/AURKA
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-AURKA antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human Aurora A/AURKA
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human Aurora A/AURKA, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human AURKA in human colon with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human AURKA in human ovarian cancer with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-AURKA antibody	The Aurora kinase A protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene 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 1. Multiple transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-AURKA antibody	Cancer Drug Targets
References	Tamotsu K, Okumura H, Uchikado Y, et al. Correlation of Aurora-A expression with the effect of chemoradiation therapy on esophageal squamous cell carcinoma. BMC Cancer. 2015;15:323. doi:10.1186/s12885-015-1329-3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38327562
NCBI GeneID	6790
NCBI Accession #	NP_003591.2
NCBI GenBank Nucleotide #	NM_003600.2
UniProt Accession #	O14965; O60445; O75873; Q9BQD6; Q9UPG5; E1P5F9
Molecular Weight	45,809 Da
NCBI Official Full Name	aurora kinase A
NCBI Official Synonym Full Names	aurora kinase A
NCBI Official Symbol	AURKA
NCBI Official Synonym Symbols	AIK; ARK1; AURA; BTAK; STK6; STK7; STK15; AURORA2; PPP1R47
NCBI Protein Information	aurora kinase A; ARK-1; hARK1; aurora 2; Aurora-A kinase; IPL1-related kinase; aurora-related kinase 1; aurora/IPL1-like kinase; serine/threonine kinase 6; aurora/IPL1-related kinase 1; breast tumor-amplified kinase; breast-tumor-amplified kinase; serine/
UniProt Protein Name	Aurora kinase A
UniProt Gene Name	AURKA
UniProt Synonym Gene Names	AIK; AIRK1; ARK1; AURA; AYK1; BTAK; IAK1; STK15; STK6; ARK-1; Aurora-related kinase 1; hARK1
UniProt Entry Name	AURKA_HUMAN

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/aurora-a-antibody-immunohistochemistry-elisa/254343>