

Rabbit anti-Human Aurora B Polyclonal Antibody | anti-AURKB antibody

Rabbit anti-Aurora B IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213721	Rabbit	Human	Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

Aurora B; Polyclonal Antibody; Rabbit anti-Aurora B IHC Antibody; Affinity Purified; serine/threonine-protein kinase aurora-B; aurora-B; aurora-related kinase 2; IPL1; PPP1R48; protein phosphatase 1; regulatory subunit 48; serine/threonine kinase 12; serine/threonine-protein kinase 5; aurora kinase B-Sv2; STK-1; STK12; STK5; serine/threonine-protein kinase 12; AurB; AIK2; AIM1; AIM-1; aurora-1; ARK-2; aurora/IPL1-related kinase 2; aurkb-sv1; aurkb-sv2; Aurora 1; aurora- and lpl1-like midbody-associated protein 1; aurora kinase B; aurora kinase B-Sv1; ARK2; Aurora kinase B; anti-AURKB antibody

PRODUCT SPECIFICATIONS

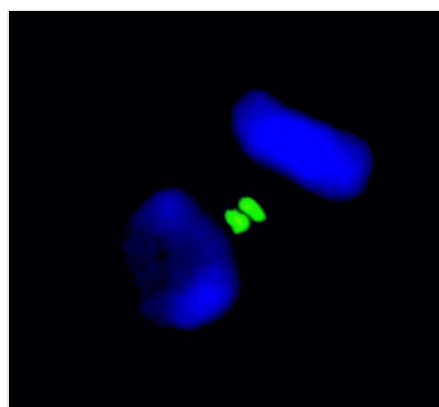
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for anti-AURKB antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Orangutan, Monkey, Gorilla, Chimpanzee, Crab-eating macaque
Immunogen	Between 294 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human Aurora B by immunohistochemistry. Sample: FFPE section of human colon adenocarcinoma. Antibody: Affinity purified rabbit anti-Aurora B (Cat. No. AAA213721) used at a dilution of 1:100. Detection: DAB



ICC (Immunocytochemistry)

Detection of human Aurora B by immunocytochemistry. Sample: NBF-fixed HeLa Cells. Antibody: Affinity purified rabbit anti-Aurora B (Cat. No. AAA213721) used at a dilution of 1:100. Detection: goat anti-rabbit IgG (h&l) FITC (Cat. No. used at a dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-AURKB antibody	Aurora B is the central enzymatic unit of the chromosomal passenger complex (CPC). In the CPC, Aurora B is associated with the passenger proteins inner centromeric protein (INCENP), survivin, and borealin. Aurora B is a serine-threonine protein kinase essential for chromosome segregation and cytokinesis. Specific roles for Aurora B have been demonstrated in cohesin dissociation from centromeres as well as condensin I binding to chromatin.F112. Substrates of Aurora B kinase activity include desmin, septin 1, INCENP, RAC GTPase activating protein 1, and centromeric protein A.
Product Categories/Family for anti-AURKB antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	83776600
NCBI GeneID	9212
NCBI Accession #	NP_004208.2
NCBI GenBank Nucleotide #	NM_004217.3
UniProt Accession #	Q96GD4; O14630; O60446; O95083; Q96DV5; Q9UQ46; C7G533; C7G534; C7G535; D3DTR4
Molecular Weight	39,311 Da
NCBI Official Full Name	aurora kinase B isoform 1
NCBI Official Synonym Full Names	aurora kinase B
NCBI Official Symbol	AURKB
NCBI Official Synonym Symbols	AIK2; AIM1; ARK2; AurB; IPL1; STK5; AIM-1; STK12; PPP1R48; aurkb-sv1; aurkb-sv2
NCBI Protein Information	aurora kinase B; ARK-2; STK-1; aurora 1; aurora-1; aurora-B; aurora kinase B-Sv1; aurora kinase B-Sv2; aurora-related kinase 2; serine/threonine kinase 12; aurora/IPL1-related kinase 2; serine/threonine-protein kinase 5; serine/threonine-protein kinase 12
UniProt Protein Name	Aurora kinase B
UniProt Gene Name	AURKB
UniProt Synonym Gene Names	AIK2; AIM1; AIRK2; ARK2; STK1; STK12; STK5; AIM-1; ARK-2
UniProt Entry Name	AURKB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/aurora-b-antibody-immunocytochemistry-immunohistochemistry-elisa/213721>