

Rabbit Aurora B Polyclonal Antibody | anti-AuroraB antibody

Aurora B antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59853	Rabbit	Human, Mouse, Wide Range Predicted	Western Blot, Immunofluorescence, Immunocytochemistry

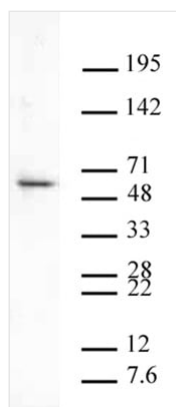
PRODUCT SYNONYMS

Aurora B; Polyclonal Antibody; Aurora B antibody (pAb); Aurora Kinase B; AurB; ARK2; anti-AuroraB antibody

PRODUCT SPECIFICATIONS

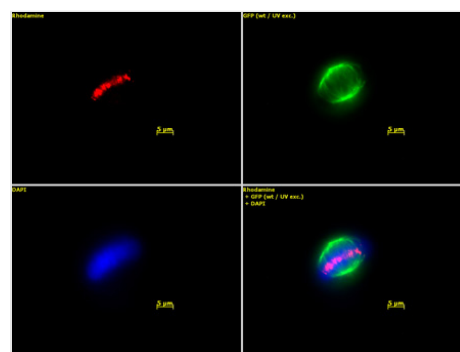
Host	Rabbit
Reactivity	Human, Mouse, Wide Range Predicted
Clonality	Polyclonal
Form/Format	Rabbit serum containing 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-AuroraB antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	This Aurora B antibody was raised against a peptide including the C-terminus of human Aurora B.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

Aurora B pAb tested by Western blot Nuclear extract of U2OS cells (20 ug per lane) probed with Aurora B polyclonal antibody (1:500 dilution).



IF (Immunofluorescence)

Aurora B pAb tested by immunofluorescence. Top left: HeLa cells stained with Aurora B polyclonal antibody at a 1:200 dilution. Top right: Same cells stained with alpha Tubulin mAb. Bottom left: Same cells stained with DAPI. Bottom right: Merge of all 3 images.

ADDITIONAL INFORMATION

Related Product Information for anti-AuroraB antibody	Short Description: Our Aurora B antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunocytochemistry, Immunofluorescence and Western blot; it has been shown to react with Human and Mouse samples, but it is predicted that it will react with a wide range of sample types. Background: Aurora B (Aurora Kinase B, AurB, ARK2) is a Ser/Thr kinase that is part of the chromosomal passenger complex that associates with chromosomes and is an important regulator of mitosis and meiosis. Aurora B becomes concentrated at the centromere during the onset of mitosis, but relocates to the spindle midzone during anaphase. Aurora B phosphorylates a number of substrates, including INCENP, CENP-A, and Histone H3. Misregulation of Aurora B activity can lead to chromosome instability and is implicated in a number of cancers.
Product Categories/Family for anti-AuroraB antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	83776600
NCBI GeneID	9212
NCBI Accession #	NP_004208; AB_2793209
NCBI GenBank Nucleotide #	NM_004217.3
UniProt Accession #	Q96GD4; O14630; O60446; O95083; Q96DV5; Q9UQ46; B4DNM4; C7G533; C7G534; C7G535; D3DTR4; J9JID1
Molecular Weight	39,467 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; ARK-2; STK-1; STK12; PPP1R48; aurkb-sv1; aurkb-sv2
NCBI Protein Information	aurora kinase B
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aurora-b-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/59853>