

Rabbit Aurora B Polyclonal Antibody | anti-AURKB antibody

Aurora B Rabbit pAb

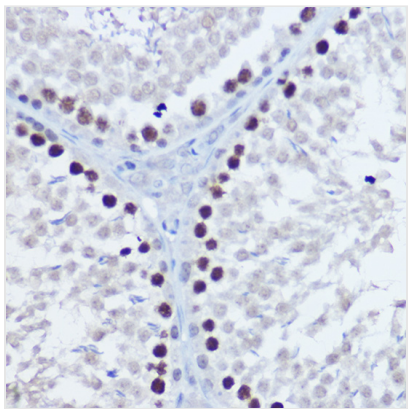
CATALOG # AAA281565	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

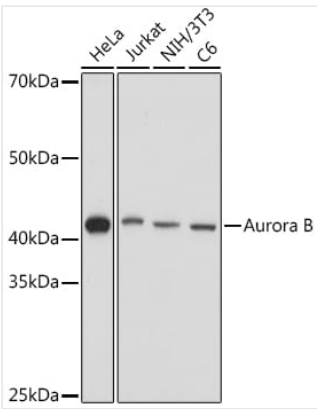
Aurora B; Polyclonal Antibody; Aurora B Rabbit pAb; AIK2; AIM-1; AIM1; ARK2; AurB; IPL1; PPP1R48; STK12; STK5; aurkb-sv1; aurkb-sv2; AURKB; anti-AURKB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MAQKENSYPW PYGRQTAPSG LSTLPQRVLR KEPVTPSALV LMSRSNVQPT AAPGQKVMEN SSGTPDILTR HFTIDDFEIG RPLGKGKFGN VYLAREKKSH FIVALKVLFK SQIEKEGVEH QLRREIEIQA HLHHPNILRL YNYFYDRRRI YLILEYAPRG ELYKELQKSC TFDEQRTATI MEELADALMY CHGKKVIHRD IKPENLLGL KGELKIADFG WSVHAPSLRR KTMCGTLDYL PPEMIEGRMH NEKVDLWCIG VLCYELLVGN PPFESASHNE TYRRIVKVDL KFPASVPMGA QDLISKLLRH NPSERLPLAQ VSAHPWVRAN SRRVLPPSAL QSVA
Applicable Applications for anti-AURKB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-344 of human Aurora B (NP_004208.2).
Cellular Location	Chromosome, Cytoplasm, Midbody, Nucleus, centromere, cytoskeleton, spindle
Positive Samples	HeLa, Jurkat, NIH/3T3, C6
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat testis using Aurora B Rabbit pAb at dilution of 1:150 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using Aurora B antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-AURKB antibody	Background: This gene encodes a member of the aurora kinase subfamily of serine/threonine kinases. The genes encoding the other two members of this subfamily are located on chromosomes 19 and 20. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules. A pseudogene of this gene is located on chromosome 8. Alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-AURKB antibody	Epigenetics & Nuclear Signaling; Epigenetic writers and erasers of core Histones; Phosphorylation; Research; Signal Transduction; Kinase; Serine/threonine kinases; Research; Cell Biology & Developmental Biology; Cell Cycle; Centromere; Research; Cell Biol

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

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-immunohistochemistry-western-blot-elisa/281565>