

AurB Antibody | anti-AurB antibody

AurB (Phospho-Tyr12) Antibody

CATALOG # AAA111772	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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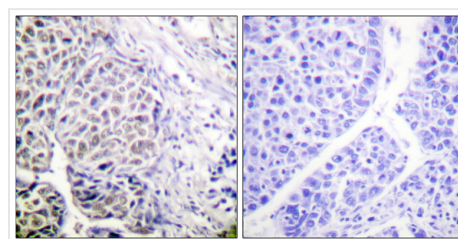
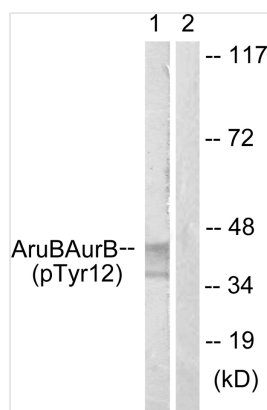
PRODUCT SYNONYMS

AurB; AurB (Phospho-Tyr12) Antibody; AIK2; AIM-1; AIM1; ARK2; AURKB; Aurora-and Ipl1-like midbody-associated protein 1; Aurora-B; Aurora-related kinase 2; Aurora/IPL1-related kinase 2; EC 2.7.11.1; STK-1; STK12; Serine/threonine protein kinase 12; anti-AurB antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	AurB (Phospho-Tyr12) antibody detects endogenous levels of AurB only when phosphorylated at tyrosine 12.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	303
Applicable Applications for anti-AurB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human AurB around the phosphorylation site of tyrosine 12 (W-P-YP-G-R).
All Sites	Human: Tyr12 Mouse: Tyr12 Rat: Tyr12
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using AurB (Phospho-Tyr12) antibody. Western blot analysis of extracts from HepG2 cells, using AurB (Phospho-Tyr12) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AurB antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Shindo M., Biochem. Biophys. Res. Commun. 244:285-292(1998). Kimura M., Cytogenet. Cell Genet. 82:147-152(1998). Nousiainen M., Proc. Natl. Acad. Sci. U.S.A. 103:5391-5396(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	378786658
NCBI GeneID	9212
NCBI Accession #	NP_001243763.1
NCBI GenBank Nucleotide #	NM_001256834.2
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 2
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; Aurora-related kinase 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/human-mouse-rat-antibody/aurb/111772>