

AurB/C Antibody | anti-AurB/C antibody

AurB/C (Phospho-Thr236/202) Antibody

CATALOG # AAA109561	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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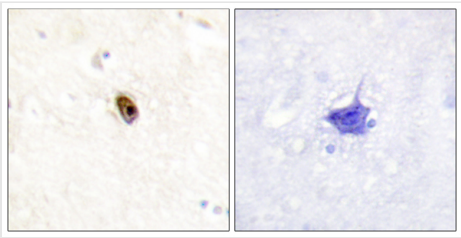
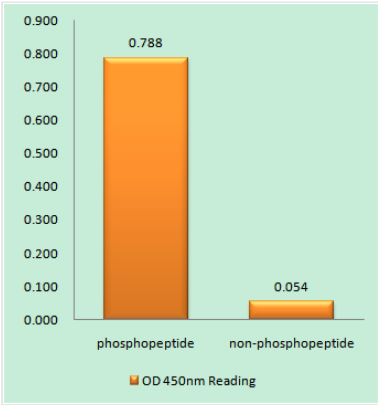
PRODUCT SYNONYMS

AurB/C; AurB/C (Phospho-Thr236/202) Antibody; AIE1; AIE2; AURKC; Aurora-C; Aurora/Ipl1-related kinase 3; Aurora/Ipl1/Eg2 protein 1; Aurora/Ipl1/Eg2 protein 2; EC 2.7.11.1; STK13; STKD; Serine/threonine protein kinase 13; kinase AIK3; anti-AurB/C antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	AurB/C (Phospho-Thr236/202) antibody detects endogenous levels of AurB/C only when phosphorylated at threonine 236/202.
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	309
Applicable Applications for anti-AurB/C antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human AurB/C around the phosphorylation site of threonine 236/202 (C-G-TP-L-D).
All Sites	Human: Thr236/202 Mouse: Thr241/175 Rat: Thr239/175
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using AurB/C (Phospho-Thr236/202) antibody. AurB/C (Phospho-Thr236/202) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AurB/C antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Steven L. Warner. Mol. Cancer Ther., Oct 2006; 5: 2450-2458. Adrienne E. Hontz. AACR Meeting Abstracts, Apr 2005; 2005: 492. Adrienne E. Hontz. AACR Meeting Abstracts, Apr 2006; 2006: 1326.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865639
NCBI GeneID	6795
NCBI Accession #	NP_001015878.1
NCBI GenBank Nucleotide #	NM_001015878.1
UniProt Accession #	Q9UQB9; O60681; O75442; Q6AZY8; Q6DLZ0; Q9UPK5
Molecular Weight	33,672 Da
NCBI Official Full Name	aurora kinase C isoform 1
NCBI Official Synonym Full Names	aurora kinase C
NCBI Official Symbol	AURKC
NCBI Official Synonym Symbols	AIE2; AIK3; ARK3; AurC; SPGF5; STK13; HEL-S-90; aurora-C
NCBI Protein Information	aurora kinase C
UniProt Protein Name	Aurora kinase C
UniProt Gene Name	AURKC
UniProt Synonym Gene Names	AIE2; AIK3; AIRK3; ARK3; STK13; ARK-3; Aurora-related kinase 3

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.