

AurA Antibody | anti-AurA antibody

AurA (Phospho-Ser342) Antibody

CATALOG # AAA112126	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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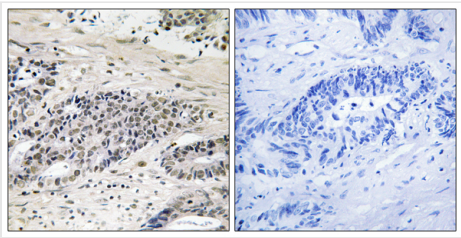
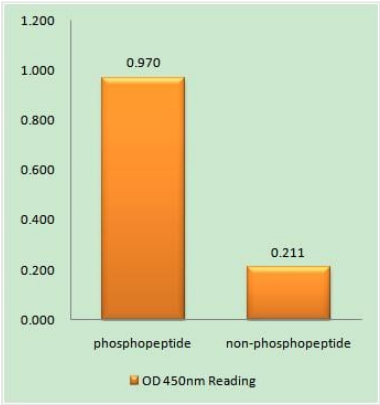
PRODUCT SYNONYMS

AurA; AurA (Phospho-Ser342) Antibody; AIK; ARK1; AYK1; Aurora-A; Aurora-family kinase 1; Aurora-related kinase 1; Aurora/IPL1-related kinase 1; BTAK; Breast-tumor-amplified kinase; EC 2.7.11.1; IAK1; Ipl1-and aurora-related kinase 1; STK15; STK6; Serine/threonine kinase 15; Serine/threonine kinase 6; Serine/threonine kinase Ayk1; kinase AurA; anti-AurA antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	AurA (Phospho-Ser342) antibody detects endogenous levels of AurA only when phosphorylated at serine 342.
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	403
Applicable Applications for anti-AurA antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human AurA around the phosphorylation site of serine 342 (R-I-SP-R-V).
All Sites	Human: Ser342 Mouse: Ser333 Rat: Ser335
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using AurA (Phospho-Ser342) antibody. AurA (Phospho-Ser342) 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-AurA antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Elizabeth A. Rowley. Journal of Refugee Studies, Jun 2006; 19: 158-186. GERVASE CLARENCE-SMITH. Afr. Aff. (Lond), Apr 1986; 85: 310-311. Michael Bratton. Afr. Aff. (Lond), Jul 2001; 100: 429-452.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1020158885
NCBI GeneID	6790
NCBI Accession #	NP_001310232.1
NCBI GenBank Nucleotide #	NM_001323303.1
UniProt Accession #	O14965; O60445; O75873; Q9BQD6; Q9UPG5; E1P5F9
Molecular Weight	45,809 Da
NCBI Official Full Name	aurora kinase A
NCBI Official Synonym Full Names	aurora kinase A
NCBI Official Symbol	AURKA
NCBI Official Synonym Symbols	AIK; ARK1; AURA; BTAK; STK6; STK7; STK15; PPP1R47
NCBI Protein Information	aurora kinase A
UniProt Protein Name	Aurora kinase A
UniProt Gene Name	AURKA
UniProt Synonym Gene Names	AIK; AIRK1; ARK1; AURA; AYK1; BTAK; IAK1; STK15; STK6; ARK-1; Aurora-related kinase 1; hARK1

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.