

Aurora Kinase Antibody | anti-AIK antibody

Aurora Kinase (Phospho-Thr288) Antibody

CATALOG # AAA267411	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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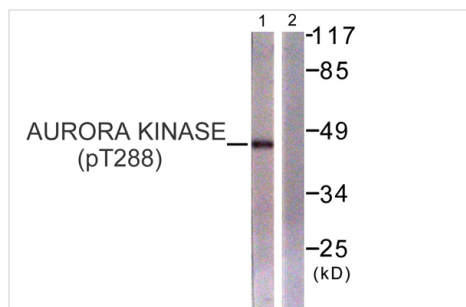
PRODUCT SYNONYMS

Aurora Kinase; Aurora Kinase (Phospho-Thr288) Antibody; 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-AIK antibody

PRODUCT SPECIFICATIONS

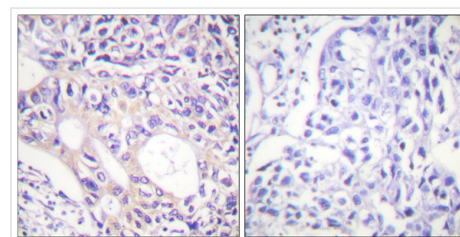
Reactivity	Human, Mouse, Rat
Specificity	Aurora Kinase (Phospho-Thr288) antibody detects endogenous levels of Aurora Kinase only when phosphorylated at threonine 288.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody 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-AIK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Aurora Kinase around the phosphorylation site of threonine 288 (R-T-TP-L-C).
All Sites	Human: Thr288 Mouse: Thr279 Rat: Thr281
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Aurora Kinase (Phospho-Thr288) antibody. Western blot analysis of extracts from 293 cells, treated with serum (20%, 15mins), using Aurora Kinase (Phospho-Thr288) antibody.



Application Data

P-peptide-+

ADDITIONAL INFORMATION

References	Amy E. Geddis, Blood, Aug 2004; 104: 1017-1024. Edmund Chun Yu Lee, Cancer Res., May 2006; 66: 4996-5002. Kaori Sasai, AACR Meeting Abstracts, Apr 2005; 2005: 608. T Marumoto, Genes Cells, Nov 2002; 7: 1173-1182.
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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.