

Rabbit Aurora Kinase Polyclonal Antibody | anti-AURKA antibody

Aurora Kinase (Phospho-Thr288) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316162	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

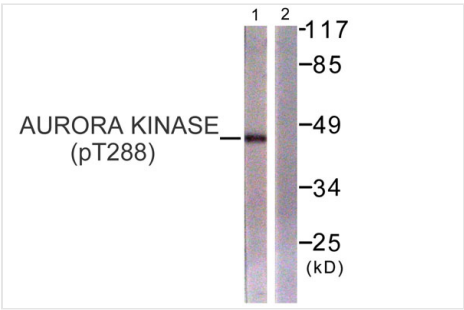
PRODUCT SYNONYMS

Aurora Kinase; Polyclonal Antibody; Aurora Kinase (Phospho-Thr288) Antibody; AIK; ARK1; Aurora-A; Aurora-family kinase 1; Aurora-related kinase 1; Aurora/IPL1-related kinase 1; AYK1; Breast-tumor-amplified kinase; BTAK; IAK1; Ipl1- and aurora-related kinase 1; kinase AurA; Serine/threonine kinase 15; Serine/threonine kinase 6; Ser; anti-AURKA antibody

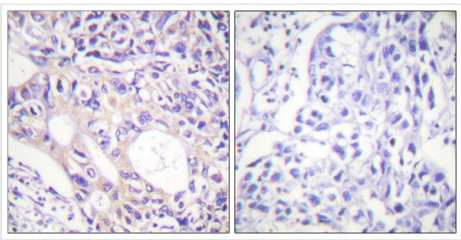
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Aurora Kinase (Phospho-Thr288) Antibody detects endogenous levels of Aurora Kinase only when phosphorylated at Thr288.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	403
Applicable Applications for anti-AURKA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T288; M:T279; R:T281
Immunogen	The antiserum was produced against synthesized peptide derived from human Aurora Kinase around the phosphorylation site of Thr288.
Immunogen Range	256-305
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from 293 cells treated with serum 20% 15', using Aurora Kinase (Phospho-Thr288) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Aurora Kinase (Phospho-Thr288) Antibody. The picture on the right is blocked with the phospho peptide.

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 kDa
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.