

Goat anti-Aurora kinase A / AURKA Antibody

Item Number	dAP-0007
Target Molecule	Principle Name: Aurora kinase A / AURKA; Official Symbol: AURKA; All Names and Symbols: AURKA; aurora kinase A; AIK; ARK1; AURA; AURORA2; BTAK; MGC34538; STK15; STK6; STK7; IPL1-related kinase; aurora-A; aurora-related kinase 1; aurora/IPL1-like kinase; breast-tumor-amplified kinase; serine/threonine kinase 15; serine/threonine kinase 6; ser; Accession Number (s): NP_003591.2; Human Gene ID (s): 6790; Non-Human GeneID(s):
Immunogen	QNKESASKQS, is from C Terminus Reported variants represent identical protein: NP_003591.2; NP_940835.1; NP_940836.1; NP_940837.1; NP_940838.1; NP_940839.1
Applications	Pep ELISA, WB, IP Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 45kDa band observed in lysates of cell line HeLa and Jurkat lysate (calculated MW of 45.8kDa according to NP_003591.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Zhou H, Kuang J, Zhong L, Kuo WL, Gray JW, Sahin A, Brinkley BR, Sen S. Tumour amplified kinase STK15/BTAK induces centrosome amplification, aneuploidy and transformation. Nat Genet 1998 Oct;20(2):189-93.PMID: 9771714->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**