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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05035-T - Goat Anti-Aurora kinase A / AURKA Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: 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, serine/threonine protein kinase 15, serine/threonine protein kinase 6, OTTHUMP00000031340, OTTHUMP00000031342, OTTHUMP00000031343, OTTHUMP00000031344, OTTHUMP00000031345, OTTHUMP00000166071

Official Symbol: AURKA

Accession Number(s): NP_003591.2

Human GeneID(s): [6790](#)

Important Comments: Reported variants represent identical protein: NP_003591.2; NP_940835.1; NP_940836.1; NP_940837.1; NP_940838.1; NP_940839.1

Immunogen

Peptide with sequence C-QNKESASKQS, from the C Terminus of the protein sequence according to NP_003591.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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.

Immunoprecipitation: This antibody was deemed fit for IP under native conditions (observations from a customer).

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB05035 (0.1µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.