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

Storage: For long-term storage
keep aliquots at -20°C. (Store no
longer than 12 months at 4°C).
Minimize freezing and thawing.

EB05035 - Goat Anti-Aurora kinase A / AURKA Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OTTHUMP00000166071, OTTHUMP00000031345, OTTHUMP00000031344, OTTHUMP00000031343, OTTHUMP00000031342, OTTHUMP00000031340, serine/threonine protein kinase 6, serine/threonine protein kinase 15, serine/threonine kinase 6, serine/threonine kinase 15, breast-tumor-amplified kinase, aurora/IPL1-like kinase, aurora-related kinase 1, aurora-A, IPL1-related kinase, STK7, STK6, STK15, MGC34538, BTAK, AURORA2, AURA, ARK1, AIK, aurora kinase A, AURKA

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). In transfected HEK293 transiently expressing AURKA a band of approx. 48kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.1-0.3µg/ml.

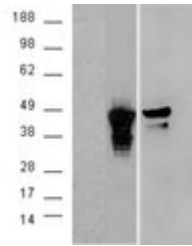
Species Reactivity

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.



HEK293 overexpressing Aurora kinase A (RC212018) with C-terminal tag (DYKDDDDK) and probed with anti-DYKDDDDK in the left panel and with EB05035 in the right panel (vector-only transfection in first and fourth lanes).