

## UK Office

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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.