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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

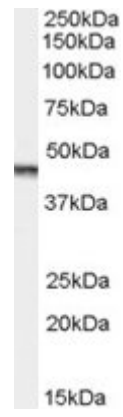
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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.

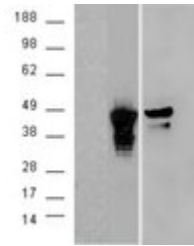
### Species Reactivity

**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).