

Product datasheet for **TA302646**

Aurora A (AURKA) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:128,000. WB: 0.1-0.3µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-QNKESASKQS, from the C Terminus of the protein sequence according to NP_003591.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	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.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45.6 kDa
Gene Name:	aurora kinase A
Database Link:	NP_940835 Entrez Gene 6790 Human O14965



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Background:

The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Synonyms:

AIK; ARK1; AURA; BTAK; PPP1R47; STK6; STK7; STK15

Protein Families:

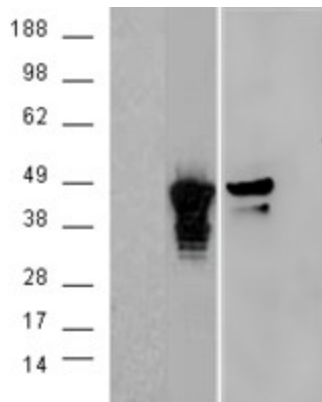
Druggable Genome, Protein Kinase, Stem cell - Pluripotency

Protein Pathways:

Oocyte meiosis

Product images:


TA302646 (0.1ug/ml) staining of Jurkat lysate (35ug 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 TA302646 in the right panel (vector-only transfection in first and fourth lanes).