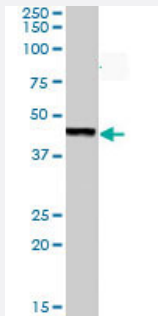


AURKA polyclonal antibody

Catalog # PAB6010 Size 100 ug

Applications



Western Blot (Cell lysate)

AURKA polyclonal antibody (Cat # PAB6010) staining (0.1 ug/mL) of Jurkat lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of AURKA.

Immunogen A synthetic peptide corresponding to human AURKA.

Sequence C-QNKESASKQS

Host Goat

Theoretical MW (kDa) 45.8

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:128000)
 Western Blot (0.1-0.3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

AURKA polyclonal antibody (Cat # PAB6010) staining (0.1 ug/mL) of Jurkat lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AURKA

Entrez GeneID	6790
Protein Accession#	NP_003591.2
Gene Name	AURKA
Gene Alias	AIK, ARK1, AURA, AURORA2, BTAK, MGC34538, STK15, STK6, STK7
Gene Description	aurora kinase A
Omim ID	114500 603072
Gene Ontology	Hyperlink

Gene Summary	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]
Other Designations	IPL1-related kinase OTTHUMP00000031340 OTTHUMP00000031342 OTTHUMP00000031343 OTTHUMP00000031344 OTTHUMP00000031345 OTTHUMP00000166071 aurora-A aurora-related kinase 1 aurora/IPL1-like kinase breast-tumor-amplified kinase serine/threonine kinase 15 serine/

Publication Reference

- [Tumour amplified kinase STK15/BTAK induces centrosome amplification, aneuploidy and transformation.](#)

Zhou H, Kuang J, Zhong L, Kuo WL, Gray JW, Sahin A, Brinkley BR, Sen S.

Nature Genetics 1998 Oct; 20(2):189.

Application: IF, IP, WB-Ce, WB-Tr, Human, Mouse, BT474, HeLa, MCF10A, NIH/3T3 cells

Disease

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- [Body Weight](#)
- [Breast cancer](#)
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- [Carcinoma](#)
- [Chromosome Aberrations](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
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- [Genomic Instability](#)
- [Head and Neck Neoplasms](#)
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