

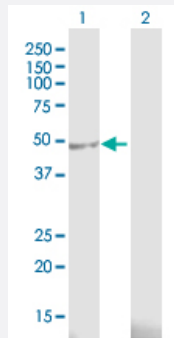
MaxPab®

AURKA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006790-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AURKA expression in transfected 293T cell line ([H00006790-T01](#)) by AURKA MaxPab polyclonal antibody.

Lane 1: AURKA transfected lysate(44.33 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human AURKA protein.
Immunogen	AURKA (ABM85384.1, 1 a.a. ~ 403 a.a) full-length human protein.
Sequence	MDRSKENCISGPVKATAPVGGPKRVLVTQQFPCQNPLPVNSGQAQRVLCPSNSSQRVPLQAQK LVSSHKPVQNQKQKQLQATSVPHVSRPLNNTQKSKQLPSAPENNPEEELASKQKNEESKKR QWALEDFEIGRPLGKGFNVYLAREKQSKFILALKVLFKAQLEKAGVEHQLRREVEIQSHLRHP NILRLYGYFHDATRVYLILEYAPLGTVYRELQKLSKFDEQRTATYTETELANALSYCHSKRVIHRDIKPE NLLLGSAGELKIADFGWSVHAPSSRRTTLCGLDYLPPEMIEGRMHDEKVDLWSLGLVLCYEFLVG KPPFEANTYQETYKRISRVEFTFPDFVTEGARDLISRLKHNPSQRPMLREVLEHPWITANSSKPS NCQNKESASKQS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — AURKA

Entrez GeneID [6790](#)

GeneBank Accession# [DQ894458.2](#)

Protein Accession# [ABM85384.1](#)

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/

Disease

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- [Body Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Chromosome Aberrations](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Head and Neck Neoplasms](#)
- [Kidney Neoplasms](#)
- [Liver Neoplasms](#)
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- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
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- [Stomach Neoplasms](#)
- [Thyroid Neoplasms](#)
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- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)
- [Werner syndrome](#)