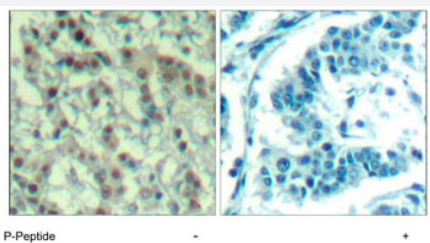


AURKA (phospho T288) polyclonal antibody

Catalog # PAB25906 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using AURKA (phospho T288) polyclonal antibody (Cat # PAB25906).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of AURKA.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding T288 of human AURKA.
Sequence	R-T-Tp-L-M
Host	Rabbit
Theoretical MW (kDa)	48
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using AURKA (phospho T288) polyclonal antibody (Cat # PAB25906).

Gene Info — AURKA

Entrez GeneID [6790](#)

Protein Accession# [O14965](#)

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

- [Adenocarcinoma](#)

- [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](#)
- [Lung Neoplasms](#)
- [Mouth Neoplasms](#)
- [Neoplasm Invasiveness](#)
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- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
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- [Pancreatic cancer](#)
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- [Precancerous Conditions](#)

- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
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