

## ARK-1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00611
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Aurora Kinase. AA range:256-305
<b>Mol wt</b>	45809
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ARK-1 Antibody
<b>Synonyms</b>	AURKA; AIK; AIRK1; ARK1; AURA; AYK1; BTAK; IAK1; STK15; STK6; Aurora kinase A; Aurora 2; Aurora/IPL1-related kinase 1; ARK-1; Aurora-related kinase 1; hARK1; Breast tumor-amplified kinase; Serine/thre

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein encoded by AURKA 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 (aurora kinase A) is found at the centrosome in interphase cells and at the spindle poles in mitosis. AURKA may play a role in tumor development and progression. A processed pseudogene of AURKA 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 AURKA.

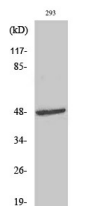
### Recommended Dilution

WB: 1: 500 - 1: 2000

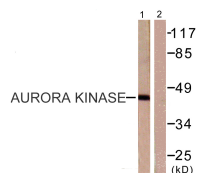
ELISA: 1: 5000

Not yet tested in other applications.

### Images



Western Blot analysis of various cells using ARK-1 Polyclonal Antibody



Western blot analysis of lysates from 293 cells, treated with serum 20% 15', using Aurora Kinase Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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