

## Anti-Aurora B Rabbit Polyclonal Antibody

### Introduction

May be directly involved in regulating the cleavage of polar spindle microtubules and is a key regulator for the onset of cytokinesis during mitosis. Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly.

### Product parameters

|                   |  |
|-------------------|--|
| Alternative Names | AURKB; AIK2; AIM1; AIRK2; ARK2; STK1; STK12; STK5; Aurora kinase B; Aurora 1; Aurora- and IPL1-like midbody-associated protein 1; AIM-1; Aurora/IPL1-related kinase 2; ARK-2; Aurora-related kinase 2; STK-1; Serine/threonine-protein kinase 12 |
| Gene ID           | 9212   |
| Gene Name         | AURKB  |
| SwissProt ID      | Q96GD4   |
| Host              | Rabbit   |
| Reactivity        | Human  |
| Molecular Weight  | Calculated MW: 39 kDa; Observed MW: 39 kDa   |
| Conjugation       | Unconjugated   |
| Ex                | -  |
| Em                | -  |
| Modification      | Unmodified   |
| Clonality         | IgG  |
| Isotype           | Polyclonal Antibody  |
| Clonality No.     | -  |
| Form              | Liquid   |
| Concentration     | See label  |
| Carrier           | Carrier Free   |
| Immunogen         | A synthesized peptide derived from human Aurora B  |
| Purification      | Affinity Chromatography  |
| Buffer System     | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Application       | WB, IHC-P, ICC/IF, IP  |
| Dilution Ratio    | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20   |

|                    |                                  |
|--------------------|----------------------------------|
| Research Field     | Cell Biology                     |
| Product Categories | Primary antibody                 |
| Shipping           | Blue ice                         |
| Storage            | -20°C                            |
| Expiration Date    | 12 months                        |
| Note               | Please avoid freeze-thaw cycles. |



## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.





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