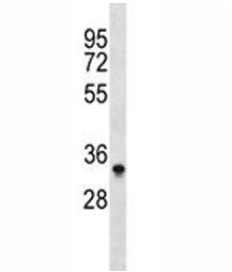
# Aurkb Antibody (F44415)

| Catalog No. | Formulation | Size |
|---|---|---|
| F44415-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F44415-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Predicted Reactivity** | Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | O70126 |
| **Applications** | Western Blot : 1:1000 |
| **Limitations** | This Aurkb antibody is available for research use only. |




Aurkb antibody western blot analysis in Ramos lysate. Predicted molecular weight: 33-39 kDa.

## Description

Aurkb 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 (By similarity). Phosphorylates 'Ser-10' and 'Ser-28' of histone H3 during mitosis. Required for kinetochore localization of

BUB1 and SGOL1 (By similarity).

## Application Notes

Titration of the Aurkb antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 84-111 from the mouse protein was used as the immunogen for this Aurkb antibody.

## Storage

Aliquot the Aurkb antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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