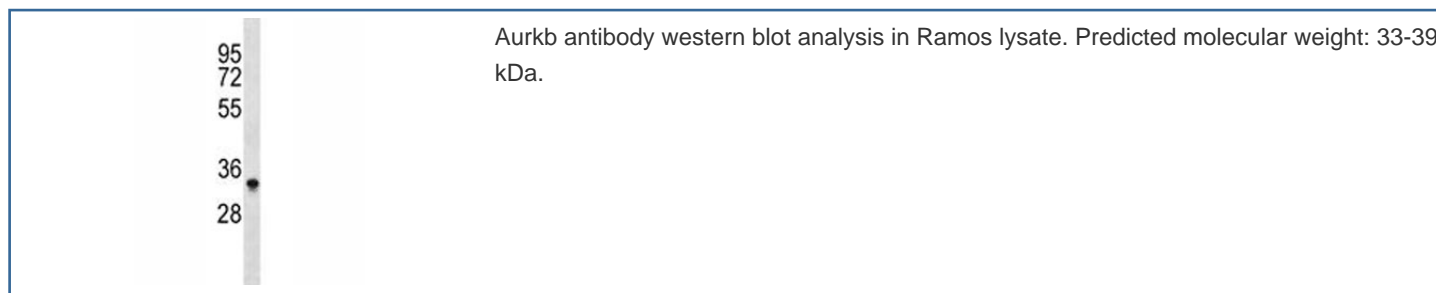


## Aurkb Antibody (F44415)

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](#)

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



## 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.