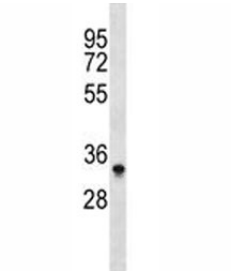
Aurkb Antibody (F44415)

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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