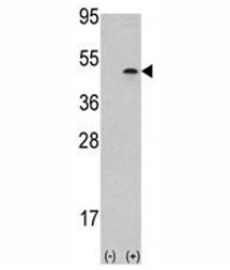
Aurora B Antibody (F50225)

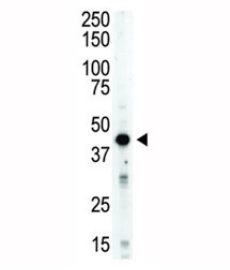
Catalog No.	Formulation	Size
F50225-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50225-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q96GD4
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This Aurora B antibody is available for research use only.



Western blot analysis of Aurora B antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the AURKB gene (2).



Aurora B antibody used in western blot to detect STK12/AuroraB in mouse spleen tissue lysate. Predicted molecular weight: 39-45 kDa

Description

Chromosomal segregation during mitosis as well as meiosis is regulated by kinases and phosphatases. The Aurora kinases associate with microtubules during chromosome movement and segregation. STK12 (Aurora kinase B) localizes to microtubules near kinetochores, specifically to the specialized microtubules called K-fibers, and Aurora kinase A localizes to centrosomes

Application Notes

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

Immunogen

A portion of amino acids 283-313 from the human protein was used as the immunogen for this Aurora B antibody.

Storage

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

Alternate Names

ARK, STK12

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