

AURKB antibody

Product Information

Catalog No.:	FNab00747
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Aurora B(AURKB) is also named as aurora kinase B, AIK2, AIM1, AIRK2, ARK2, STK1, STK12, STK5 and belongs to the Aurora subfamily. Aurora kinase B is a chromosomal passenger serine/threonine protein kinase that regulates accurate chromosomal segregation, cytokinesis, protein localization to the centromere and kinetochore, correct microtubule-kinetochore attachments, and regulation of the mitotic checkpoint(PMID:18311747). Expression levels of AURKB are increased in the anaplastic thyroid carcinoma cell lines ARO, Cal 62, and KAT-4(PMID:15562011).

Immunogen information

Immunogen:	aurora kinase B
Synonyms:	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 Serine/threonine-protein kinase 5 Serine/threonine-protein kinase aurora-B AURKB AIK2 AIM1 AIRK2 ARK2 STK1 STK12 STK5
Observed MW:	16 kDa, 35-45 kDa
Uniprot ID :	Q96GD4

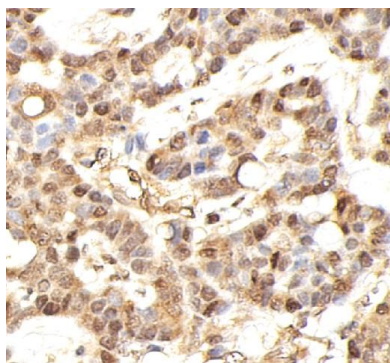
Application

Reactivity:	Human, Mouse, Rat
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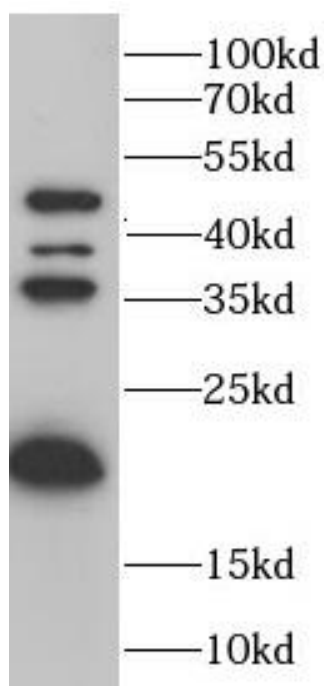
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:200-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human colon tissue slide using FNab00747(Aurora B Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Mouse liver were subjected to SDS PAGE followed by western blot with FNab00747(Aurora B Antibody) at dilution of 1:1000