

anti- RAN antibody

Product Information

Catalog No.:	FNab07100
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

GTP-binding protein involved in nucleocytoplasmic transport. Required for the import of protein into the nucleus and also for RNA export. Involved in chromatin condensation and control of cell cycle(By similarity). The complex with BIRC5/ survivin plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. Acts as a negative regulator of the kinase activity of VRK1 and VRK2.Enhances AR-mediated transactivation. Transactivation decreases as the poly-Gln length within AR increases.

Immunogen information

Immunogen:	RAN, member RAS oncogene family
Synonyms:	ARA24
Observed MW:	24 kDa
UniprotID :	P62826

Application

Reactivity:	Human, Mouse, Rat
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Wuhan Fine Biotech Co., Ltd.

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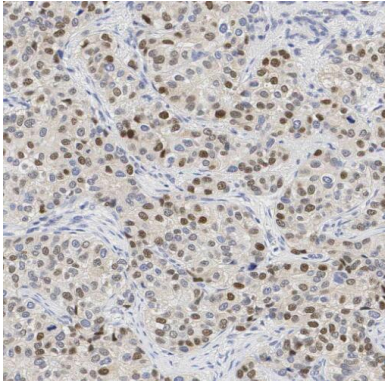
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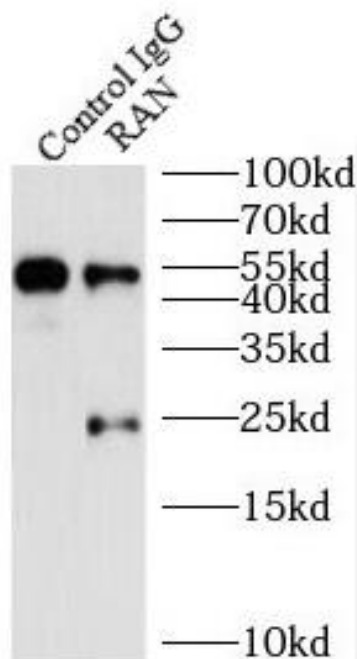
Tested Application: ELISA, IHC, IF, IP, WB

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab07100(RAN Antibody) at dilution of 1:50



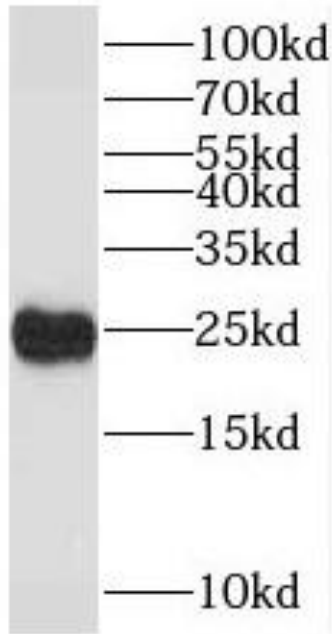
IP Result of anti-RAN (IP:FNab07100, 4ug; Detection:FNab07100 1:1000) with mouse kidney tissue lysate 4000ug.

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HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab07100(RAN Antibody) at dilution of 1:1000