

## anti- RAB8A antibody

### Product Information

Catalog No.:	FNab07045
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

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab is involved in polarized vesicular trafficking and neurotransmitter release. Together with RAB11A, RAB3IP, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis. Together with MYO5B and RAB11A participates in epithelial cell polarization. Plays an important role in ciliogenesis. Together with MICALL2, may also regulate adherens junction assembly. May play a role in insulin-induced transport to the plasma membrane of the glucose transporter GLUT4 and therefore play a role in glucose homeostasis.

### Immunogen information

Immunogen:	RAB8A, member RAS oncogene family
Synonyms:	MEL, Oncogene c mel, RAB8, RAB8A, Ras related protein Rab 8A
Observed MW:	24 kDa
UniprotID :	P61006

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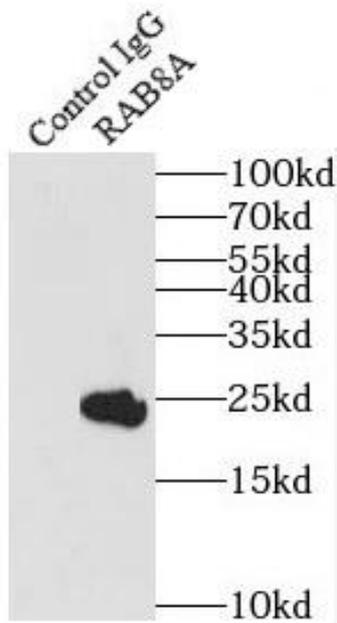
## Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IF, IP

Recommended dilution: WB: 1:500-1:5000; IP: 1:200-1:2000; IF: 1:10-1:100

Image:



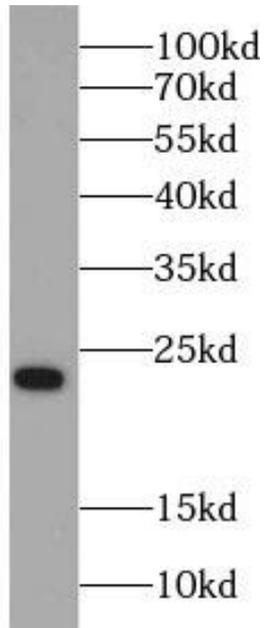
IP Result of anti-RAB8A (IP:FNab07045, 3ug;  
Detection:FNab07045 1:500) with HeLa cells  
lysate 2500ug.

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HeLa cells were subjected to SDS PAGE followed by western blot with FNab07045(RAB8A antibody) at dilution of 1:1000

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