

anti- RAB5A antibody

Product Information

Catalog No.:	FNab07038
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. RAB5A is required for the fusion of plasma membranes and early endosomes (PubMed:10818110, PubMed:14617813, PubMed:16410077, PubMed:15378032). Contributes to the regulation of filopodia extension (PubMed:14978216). Required for the exosomal release of SDCBP, CD63, PDCD6IP and syndecan (PubMed:22660413). Regulates maturation of apoptotic cell-containing phagosomes, probably downstream of DYN2 and PIK3C3 (By similarity).

Immunogen information

Immunogen:	RAB5A, member RAS oncogene family
Synonyms:	RAB5, RAB5A, Ras related protein Rab 5A
Observed MW:	24 kDa
UniprotID :	P20339

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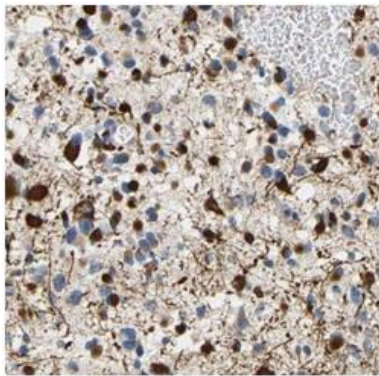
Application

Reactivity: Human, Mouse, Rat

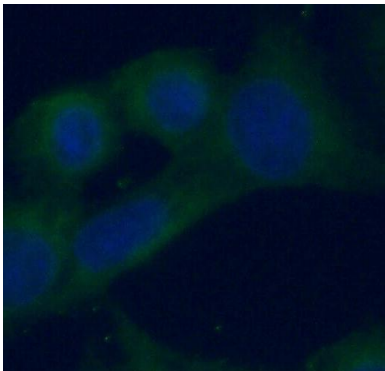
Tested Application: ELISA, IHC, WB, IP,IF

Recommended dilution: WB: 1:200-1:2000; IP:1:200-1:2000; IHC: 1:50-1:500; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human gliomas tissue slide using FNab07038(RAB5A Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



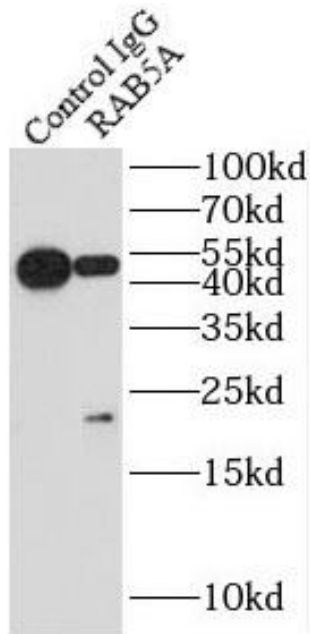
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using FNab07038(RAB5A Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)

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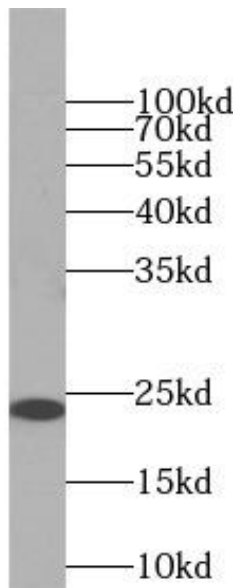
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IP Result of anti-RAB5A (IP:FNab07038, 4ug;
Detection:FNab07038 1:500) with mouse brain
tissue lysate 4000ug.



mouse brain tissue were subjected to SDS PAGE
followed by western blot with FNab07038(RAB5A
antibody) at dilution of 1:500