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Rab4 Rabbit mAb

Catalog # AP79022

Product Information

Application	WB, IF, FC, ICC
Primary Accession	P20338
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Rab4
Purification	Affinity Chromatography
Calculated MW	24390

Additional Information

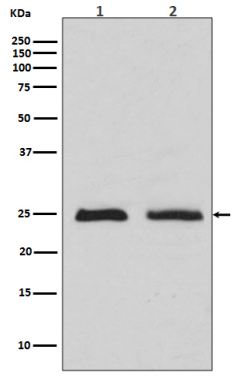
Gene ID	5867
Other Names	RAB4A
Dilution	WB~~1/500-1/1000 IF~~1/50-1/200 FC~~1/50-1/100 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

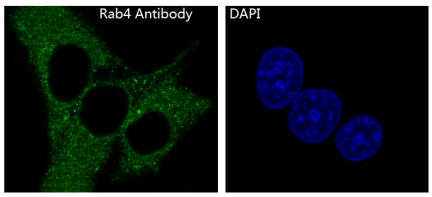
Protein Information

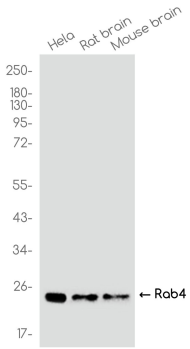
Name	RAB4A (HGNC:9781)
Synonyms	RAB4
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (PubMed:15907487, PubMed:16034420). RAB4A is involved in protein transport (PubMed:29425100). Also plays a role in vesicular traffic. Mediates VEGFR2 endosomal trafficking to enhance VEGFR2 signaling (PubMed:29425100). Acts as a regulator of platelet alpha-granule release during activation and aggregation of platelets (By similarity).
Cellular Location	Membrane; Peripheral membrane protein. Cytoplasm Early endosome

membrane {ECO:0000250|UniProtKB:P05714}; Peripheral membrane protein {ECO:0000250|UniProtKB:P05714}. Recycling endosome membrane {ECO:0000250|UniProtKB:P05714}; Peripheral membrane protein {ECO:0000250|UniProtKB:P05714}. Note=Generally associated with membranes. Cytoplasmic when phosphorylated by CDK1

Images







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