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ARF5 Rabbit mAb

Catalog # AP78424

Product Information

Application	WB, FC
Primary Accession	P84085
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human ARF5
Purification	Affinity Purified
Calculated MW	20530

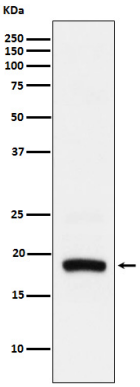
Additional Information

Gene ID	381
Other Names	ARF5
Dilution	WB~~1/500-1/1000 FC~~1:10~50
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	ARF5
Function	GTP-binding protein involved in protein trafficking. Contributes to vesicle budding and uncoating at the Golgi apparatus. Regulates mTORC1 activity at the plasma membrane by promoting its recruitment to membrane ruffles, facilitating activation via the PI3K/Akt signaling pathway (PubMed:36735494). Acts as an early responder to lysosomal damage and participates in lysosomal quality control pathways (PubMed:41293316).
Cellular Location	Cell membrane. Golgi apparatus. Cytoplasm, perinuclear region. Lysosome membrane; Lipid-anchor. Golgi apparatus, trans-Golgi network membrane; Lipid-anchor {ECO:0000250|UniProtKB:P84084}

Images



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