

KD-Validated Anti-ADP ribosylation factor 5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1233

Product Information

Application	WB, FC, ICC
Primary Accession	P84085
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB3635
Calculated MW	20530
Gene Name	ARF5
Aliases	ARF5; ADP Ribosylation Factor 5; ADP-Ribosylation Factor 5
Immunogen	A synthesized peptide derived from human ARF5

Additional Information

Gene ID	381
Other Names	ADP-ribosylation factor 5, ARF5

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}

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