

Anti-ARF5 Rabbit Monoclonal Antibody

Catalog # ABO15944

Product Information

Application	WB, FC
Primary Accession	P84085
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-ARF5 Rabbit Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	381
Other Names	ADP-ribosylation factor 5, ARF5
Calculated MW	20530
Application Details	WB 1:500-1:2000 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 25A23
Immunogen	A synthesized peptide derived from human ARF5
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

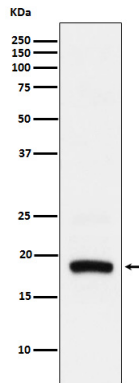
Name	ARF5
Function	GTP-binding protein involved in protein trafficking. Contributes to vesicle budding and uncoating at the Golgi apparatus. Regulates mTORC1 activity at the plasma membrane by promoting its recruitment to membrane ruffles, facilitating activation via the PI3K/Akt signaling pathway (PubMed: 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



Western blot analysis of ARF5 expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.