

KD-Validated Anti-Caveolin 3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1160

Product Information

Application	WB, FC, ICC
Primary Accession	P56539
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB3040
Calculated MW	17259
Gene Name	CAV3
Aliases	CAV3; Caveolin 3; M-Caveolin; VIP-21; LGMD1C; VIP21; LQT9; Caveolin-3; Cavolin 3; MPDT; RMD2
Immunogen	A synthesized peptide derived from Caveolin-3

Additional Information

Gene ID	859
Other Names	Caveolin-3, M-caveolin, CAV3

Protein Information

Name	CAV3
Function	May act as a scaffolding protein within caveolar membranes. Interacts directly with G protein alpha subunits and can functionally regulate their activity. May also regulate voltage-gated potassium channels. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress (By similarity). Mediates the recruitment of CAVIN2 and CAVIN3 proteins to the caveolae (PubMed: 19262564).
Cellular Location	Golgi apparatus membrane; Peripheral membrane protein. Cell membrane {ECO:0000250 UniProtKB:P51638}; Peripheral membrane protein. Membrane, caveola {ECO:0000250 UniProtKB:P51637}; Peripheral membrane protein. Cell membrane, sarcolemma {ECO:0000250 UniProtKB:P51637}. Note=Potential hairpin-like structure in the membrane. Membrane protein of caveolae (By similarity)
Tissue Location	Expressed predominantly in muscle.

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