

Product Name: Caveolin-3 (19O1) Rabbit Monoclonal Antibody
Catalog #: AMRe08023



Summary

Production Name	Caveolin-3 (19O1) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	CAV3
Alternative Names	CAV3; M-caveolin; Caveolin 3; VIP21;
Gene ID	859.0
SwissProt ID	P56539.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	17kDa

Product Name: Caveolin-3 (1901) Rabbit Monoclonal Antibody
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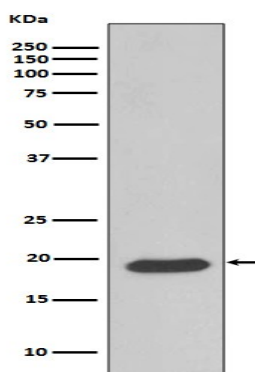


Background

Caveolin-3 may act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress. 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).

Research Area

Image Data



Western blot analysis of Caveolin 3 expression in Human fetal heart lysate.

Note

For research use only.