bsm-61352R **[Primary Antibody]**

Caveolin 3 Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
GeneID: 859
SWISS: P56539
Target: Caveolin-3
Immunogen: A synthesized peptide derived from human Caveolin 3: 1-75.
Purification: affinity purified by Protein A
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.
Background: 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.

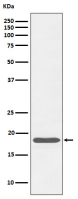
Applications: **WB** (1:1000-2000)
IHC-P (1:100-200)
IHC-F (1:100-200)
IF (1:100-200)
IP (1:20-50)

Reactivity: Human

Predicted MW.: 17

Subcellular Location: Cell membrane

VALIDATION IMAGES



Western blot analysis of human skeletal muscle cell lysate. Using Caveolin-3 (bsm-61352R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.