

## Caveolin-3 Rabbit monoclonal antibody

Catalog: BS9904M

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Caveolae (also known as plasmalemmal vesicles) are 50-100 nM flask-shaped membranes that represent a subcompartment of the plasma membrane. On the basis of morphological studies, caveolae have been implicated to function in the transcytosis of various macromolecules (including LDL) across capillary endothelial cells, uptake of small molecules via potocytosis and the compartmentalization of certain signaling molecules including G protein-coupled receptors. Three proteins, caveolin-1, caveolin-2 and caveolin-3, have been identified as principal components of caveolae. Two forms of caveolin-1, designated a and b, share a distinct but overlapping cellular distribution and differ by an N-terminal 31 amino acid sequence that is absent from the b isoform. Caveolin-1 shares 31% identity with caveolin-2 and 65% identity with caveolin-3 at the amino acid level. Functionally, the three proteins differ in their interactions with heterotrimeric G protein isoforms.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 17 kDa

### Swiss-Prot:

P56539

### Purification&Purity:

Protein A affinity purified

### Applications:

WB: 1:1000-1:5000

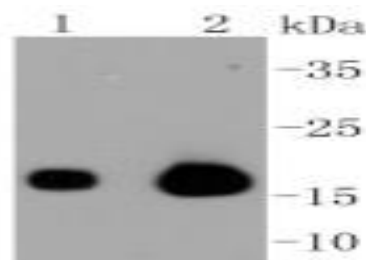
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

This antibody detects endogenous levels of Caveolin-3 and does not cross-react with related proteins.

### DATA:



Western blot (WB) analysis of Caveolin-3 Rabbit mAb at 1:1000 dilution

Lane1: The heart tissue lysate of Mouse

Lane2: The skeletal muscle tissue lysate of Mouse

### Note:

For research use only, not for use in diagnostic procedure.

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