

[Go to Product page](#)

## Datasheet for ABIN7147071 **anti-Caveolin 3 antibody (AA 1-151)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL                                    |
| Target:              | Caveolin 3 (CAV3)                         |
| Binding Specificity: | AA 1-151                                  |
| Reactivity:          | Human                                     |
| Host:                | Rabbit                                    |
| Clonality:           | Polyclonal                                |
| Conjugate:           | This Caveolin 3 antibody is un-conjugated |
| Application:         | ELISA                                     |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human Caveolin-3 protein (1-151AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | Antigen Affinity Purified                      |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | Caveolin 3 (CAV3)  |
| Alternative Name: | CAV3 ( <a href="#">CAV3 Products</a> )   |
| Background:       | 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 |

## Target Details

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.

Aliases: CAV3 antibody, CAV3\_HUMAN antibody, Caveolin 3 antibody, Caveolin-3 antibody, LGMD1C antibody, LQT9 antibody, M-caveolin antibody, MGC126100 antibody, MGC126101 antibody, MGC126129 antibody, OTTHUMP00000115603 antibody, OTTHUMP00000207105 antibody, VIP 21 antibody, VIP21 antibody

UniProt: [P56539](#)

Pathways: [Carbohydrate Homeostasis](#), [Regulation of Muscle Cell Differentiation](#), [Regulation of Cell Size](#), [Skeletal Muscle Fiber Development](#), [Negative Regulation of Transporter Activity](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.