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## Datasheet for ABIN6942371 **anti-Caveolin 3 antibody**

### Overview

Quantity:	100 µL
Target:	Caveolin 3 (CAV3)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Caveolin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Full length protein
Clone:	3A1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	Caveolin 3 (CAV3)
Alternative Name:	Caveolin-3 ( <a href="#">CAV3 Products</a> )
Background:	Synonyms: Caveolin-3, M-caveolin, CAV3 Background: May act as a scaffolding protein within caveolar membranes. Interacts directly

## Target Details

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.

Gene ID:	859
UniProt:	<a href="#">P56539</a>
Pathways:	<a href="#">Carbohydrate Homeostasis</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Negative Regulation of Transporter Activity</a>

## Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months