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Datasheet for ABIN7147067 anti-Caveolin 2 antibody (AA 3-64)

4 Images



Overview

Quantity:	100 µg
Target:	Caveolin 2 (CAV2)
Binding Specificity:	AA 3-64
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caveolin 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

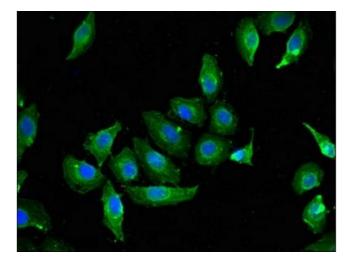
Immunogen:	Recombinant Human Caveolin-2 protein (3-64AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Caveolin 2 (CAV2)
Alternative Name:	CAV2 (CAV2 Products)
Background:	Background: May act as a scaffolding protein within caveolar membranes. Interacts directly
	with G-protein alpha subunits and can functionally regulate their activity. Acts as an accessory

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	protein in conjunction with CAV1 in targeting to lipid rafts and driving caveolae formation. The
	Ser-36 phosphorylated form has a role in modulating mitosis in endothelial cells. Positive
	regulator of cellular mitogenesis of the MAPK signaling pathway. Required for the insulin-
	stimulated nuclear translocation and activation of MAPK1 and STAT3, and the subsequent
	regulation of cell cycle progression (By similarity).
	Aliases: CAV antibody, CAV2 antibody, CAV2_HUMAN antibody, Caveolae protein 20 kD
	antibody, Caveolin 2 antibody, Caveolin 2 isoform a and b antibody, Caveolin-2 antibody,
	MGC12294 antibody, OTTHUMP00000025032 antibody, OTTHUMP00000195982 antibody
UniProt:	P51636
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Skeletal Muscle Fiber Development
Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



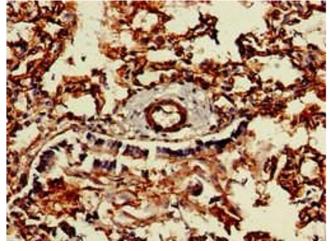
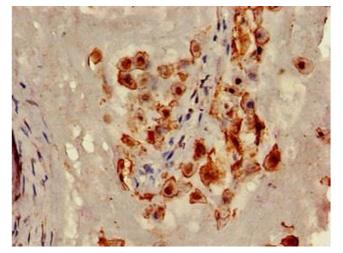




Image 1. Immunofluorescent analysis of A549 cells using ABIN7147067 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7147067 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7147067 at dilution of 1:100

Please check the product details page for more images. Overall 4 images are available for ABIN7147067.

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