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Datasheet for ABIN7147068

anti-Caveolin 2 antibody (AA 3-64) (Biotin)

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 conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Caveolin-2 protein (3-64AA)
Isotype:	IgG
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

Target Details

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