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Datasheet for ABIN6137995 anti-Caveolin 3 antibody (AA 1-151)



Overview

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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:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-151 of human Caveolin-3 (NP_001225.1).
Sequence:	MMAEEHTDLE AQIVKDIHCK EIDLVNRDPK NINEDIVKVD FEDVIAEPVG TYSFDGVWKV SYTTFTVSKY WCYRLLSTLL GVPLALLWGF LFACISFCHI WAVVPCIKSY LIEIQCISHI YSLCIRTFCN PLFAALGQVC SSIKVVLRKE V
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details	
Target:	Caveolin 3 (CAV3)
Alternative Name:	CAV3 (CAV3 Products)
Background:	This gene encodes a caveolin family member, which functions as a component of the caveolae
	plasma membranes found in most cell types. Caveolin proteins are proposed to be scaffolding
	proteins for organizing and concentrating certain caveolin-interacting molecules. Mutations
	identified in this gene lead to interference with protein oligomerization or intra-cellular routing,
	disrupting caveolae formation and resulting in Limb-Girdle muscular dystrophy type-1C (LGMD-
	1C), hyperCKemia or rippling muscle disease (RMD). Alternative splicing has been identified for
	this locus, with inclusion or exclusion of a differentially spliced intron. In addition, transcripts
	utilize multiple polyA sites and contain two potential translation initiation
	sites.,CAV3,LGMD1C,LQT9,VIP-21,VIP21,Signal Transduction,ErbB-HER Signaling
	Pathway,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,CAV3
Molecular Weight:	17 kDa
Gene ID:	859
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:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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