antibodies -online.com







Image



Overview

Quantity:	200 μL
Target:	Caveolin 3 (CAV3)
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caveolin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide of human CAV3 (NP_001225.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

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,

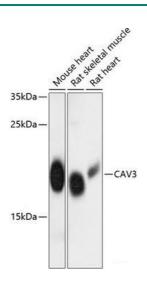
Target Details

	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.
Molecular Weight:	Observed_MW: 17 kDa
	Calculated_MW: 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

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Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Format:	Liquid
Concentration:	1 mg/mL
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using CAV3 Polyclonal Antibody at dilution of 1:3000.