antibodies - online.com







anti-Caveolin 3 antibody (N-Term)





\sim					
	1//	r۱.	/ I	\triangle	٨

Quantity:	400 μL
Target:	Caveolin 3 (CAV3)
Binding Specificity:	AA 5-31, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caveolin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)
Product Details	
Product Details Immunogen:	This CAV3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-31 amino acids from the N-terminal region of human CAV3.
Immunogen:	peptide between 5-31 amino acids from the N-terminal region of human CAV3.
Immunogen: Clone:	peptide between 5-31 amino acids from the N-terminal region of human CAV3. RB19453

Target Details

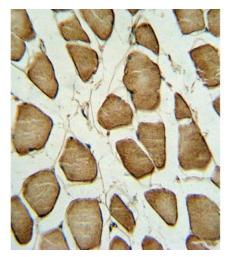
Target: Caveolin 3 (CAV3)

Target Details

Expiry Date:

rarget Details			
Alternative Name:	CAV3 (CAV3 Products)		
Background:	CAV3 is 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		
	its 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).		
Molecular Weight:	17259		
Gene ID:	859		
NCBI Accession:	NP_001225, NP_203123		
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. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.		
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:	4 °C,-20 °C		
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in sma		
	aliquots to prevent freeze-thaw cycles.		

6 months



35 - 25 - 15 - 10 -



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human Skeletal muscle reacted with CAV3 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Anti-CAV3 Antibody (N-term)at 1:500 dilution + human normal uterus lysates Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 17 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 3. Western blot analysis of CAV3 antibody (N-term) (ABIN390412 and ABIN2840801) in 293 cell line lysates (35 μg/lane). CAV3 (arrow) was detected using the purified Pab.

Please check the product details page for more images. Overall 4 images are available for ABIN390412.