

Datasheet for ABIN391626
anti-Vinculin antibody (C-Term)



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2 Images

Overview

Quantity:	400 µL
Target:	Vinculin (VCL)
Binding Specificity:	AA 1012-1039, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vinculin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This VINC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1012-1039 amino acids from the C-terminal region of human VINC.
Clone:	RB16690
Isotype:	Ig Fraction
Predicted Reactivity:	C, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Vinculin (VCL)
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Target Details

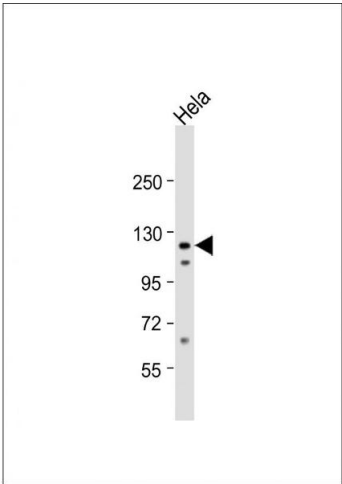
Alternative Name:	Vinculin (VCL Products)
Background:	VINC is a cytoskeletal protein associated with cell-cell and cell-matrix junctions, where it is thought to function as one of several interacting proteins involved in anchoring F-actin to the membrane. Defects in VCL are the cause of cardiomyopathy dilated type 1W. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia.
Molecular Weight:	123799
Gene ID:	7414
NCBI Accession:	NP_003364 , NP_054706
UniProt:	P18206
Pathways:	Cell-Cell Junction Organization , Maintenance of Protein Location , Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

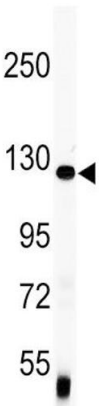
Handling

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 small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Anti-VINC Antibody (C-term) at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 124 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. Western blot analysis of anti-Vinculin Antibody (C-term) (ABIN391626 and ABIN2841546) in mouse lung tissue lysates (35 µg/lane). VINC (arrow) was detected using the purified Pab.