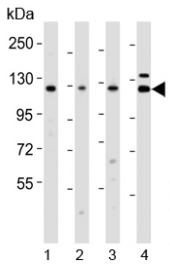
VCL Antibody / Vinculin (F54927)

Catalog No.	Formulation	Size
F54927-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54927-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

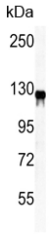
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P18206
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:1000 Immunohistochemistry (FFPE) : 1:10-1:50
Limitations	This VCL antibody is available for research use only.

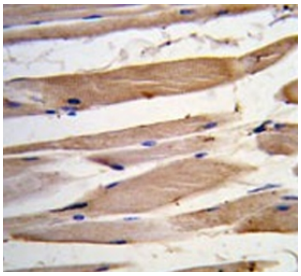


Western blot testing of 1) human RD, 2) human HeLa, 3) rat liver and 4) human testis lysate with VCL antibody. Predicted molecular weight ~124 kDa.

Western blot testing of human K562 cell lysate with VCL antibody. Predicted molecular weight ~124 kDa.



Western blot testing of mouse lung tissue lysate with VCL antibody. Predicted molecular weight ~124 kDa.



IHC testing of FFPE human skeletal muscle tissue with VCL antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

VCL/Vinculin 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the VCL antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 12-39 from the human protein was used as the immunogen for the VCL antibody.

Storage

Aliquot the VCL antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com