

AP14071PU-N**Polyclonal Antibody to Vinculin (VCL) (C-term) - Purified**

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| Alternate names: | Metavinculin |
| Quantity: | 0.4 ml |
| Concentration: | lot specific |
| 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. |
| Uniprot ID: | P18206 |
| NCBI: | 9606 |
| GeneID: | 7414 |
| Host / Isotype: | Rabbit / Ig |
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human VINC. |
| Format: | State: Liquid purified Ig Purification: Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS Buffer System: PBS with 0.09% (W/V) sodium azide |
| Applications: | ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody reacts to VINC. Species: Human, Mouse. Other species not tested. |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |
| Caution: | This product is for research use only. Not for use in diagnostic or therapeutic procedures. |
| General Readings: | 1. Moiseyeva E.P., Weller P.A.J. Biol. Chem. 268:4318-4325(1993) 2. Sun N., Critchley D.R., Paulin D. Biochem. J. 409:657-667(2008) 3. Izard T., Evans G., Borgon R.A. Nature 427:171-175(2004) |

Pictures:

(LEFT) Western blot analysis of anti-VINC Antibody (C-term) in Ramos cell line lysates (35ug/lane). VINC (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of anti-VINC Antibody (C-term) in mouse lung tissue lysates (35ug/lane). VINC (arrow) was detected using the purified Pab.

