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# VINC Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14610

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | P18206 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 123799 |

## Additional Information

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|---|---|
| **Gene ID** | 7414 |
| **Alias Symbol** | VCL, |
| **Other Names** | Vinculin, Metavinculin, MV, VCL |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 &mu, l of distilled water. Final Anti-VINC antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | VINC Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | VCL |
| **Function** | Actin filament (F-actin)-binding protein involved in cell- matrix adhesion and cell-cell adhesion. Regulates cell-surface E- cadherin expression and potentiates mechanosensing by the E-cadherin complex. May also play important roles in cell morphology and locomotion. |
| **Cellular Location** | Cell membrane {ECO:0000250\|UniProtKB:P12003}; Peripheral membrane protein {ECO:0000250\|UniProtKB:P12003}; Cytoplasmic side {ECO:0000250\|UniProtKB:P12003}. Cell junction, adherens junction {ECO:0000250\|UniProtKB:P12003}. Cell junction, focal adhesion {ECO:0000250\|UniProtKB:P12003}. Cytoplasm, cytoskeleton {ECO:0000250\|UniProtKB:P85972}. Cell membrane, sarcolemma {ECO:0000250\|UniProtKB:Q64727}; Peripheral membrane protein {ECO:0000250\|UniProtKB:Q64727}; Cytoplasmic side {ECO:0000250\|UniProtKB:Q64727}. Cell projection, podosome |

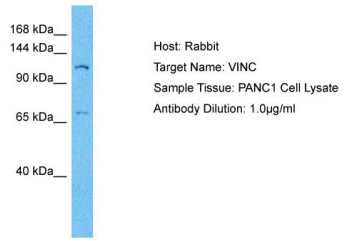
{ECO:0000250|UniProtKB:Q64727}. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q64727}. Note=Recruitment to cell-cell junctions occurs in a myosin II-dependent manner. Interaction with CTNNB1 is necessary for its localization to the cell-cell junctions {ECO:0000250|UniProtKB:P12003}

**Tissue Location** Metavinculin is muscle-specific.

## References


Weller P.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:5667-5671(1990).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Deloukas P.,et al.Nature 429:375-381(2004).
Moiseyeva E.P.,et al.J. Biol. Chem. 268:4318-4325(1993).
Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.


## Images




Host: Rabbit
Target Name: VINC
Sample Tissue: PANC1 Whole Cell lysates
Antibody Dilution: 1.0µg/ml


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.