

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

Gene ID	7414
Alias Symbol Other Names	VCL, 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 μ 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

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}. 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}

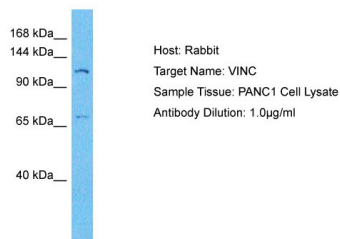
Tissue Location

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: 1.0 µg/ml

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