

Rabbit VINC Polyclonal Antibody | anti-VCL antibody

VINC Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286468	Rabbit	Human, mouse (Predicted Reactivity: Chicken, Pig, Rat)	ELISA, Western Blot

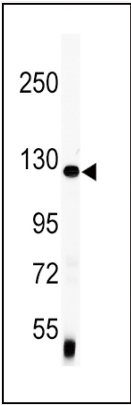
PRODUCT SYNONYMS

VINC; Polyclonal Antibody; VINC Antibody (C-term); Vinculin; Metavinculin; MV; VCL; anti-VCL antibody

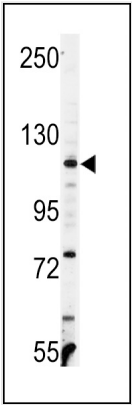
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1012-1039
Sequence Length	1066
Applicable Applications for anti-VCL antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-VCL antibody	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.
Product Categories/Family for anti-VCL antibody	Cardiovascular; Signal Transduction
References	Moiseyeva E.P., Weller P.A.J. Biol. Chem. 268:4318-4325(1993) Sun N., Critchley D.R., Paulin D.Biochem. J. 409:657-667(2008) Izard T., Evans G., Borgon R.A.Nature 427:171-175(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507877
NCBI GeneID	7414
NCBI Accession #	NP_003364.1; NP_054706.1
NCBI GenBank Nucleotide #	NM_003373.3
UniProt Accession #	P18206; Q16450; Q5SWX2; Q7Z3B8; Q8IXU7
Molecular Weight	123799
NCBI Official Full Name	vinculin isoform VCL
NCBI Official Synonym Full Names	vinculin
NCBI Official Symbol	VCL
NCBI Official Synonym Symbols	MV; MVCL; CMD1W; CMH15; HEL114
NCBI Protein Information	vinculin
UniProt Protein Name	Vinculin
UniProt Gene Name	VCL
UniProt Synonym Gene Names	MV
UniProt Entry Name	VINC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vinc-antibody-western-blot-elisa/286468>