

Rabbit anti-Human Vinculin Polyclonal Antibody | anti-VCL antibody

Anti-Vinculin Antibody, Rabbit Polyclonal

CATALOG # AAA254536	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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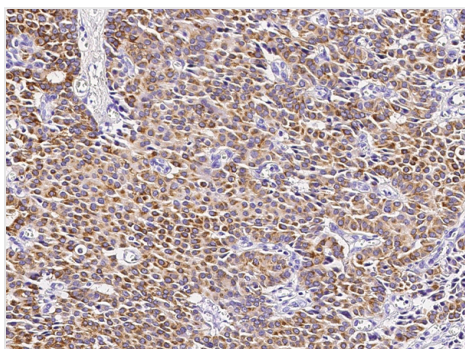
PRODUCT SYNONYMS

Vinculin; Polyclonal Antibody; Anti-Vinculin Antibody; Rabbit Polyclonal; VCL/Vinculin Antibody; Rabbit PAb; Antigen Affinity Purified; vinculin; Anti-CMD1W Antibody; Anti-CMH15 Antibody; Anti-HEL114 Antibody; Anti-MV Antibody; Anti-MVCL Antibody; anti-VCL antibody

PRODUCT SPECIFICATIONS

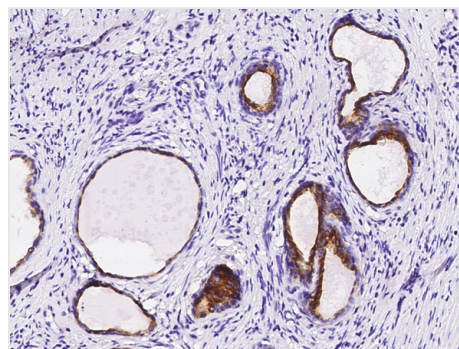
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human VCL/Vinculin
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-VCL antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human VCL/Vinculin
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human VCL/Vinculin, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human VCL in human breast carcinoma with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human VCL in human prostate with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-VCL antibody	Vinculin (VCL) is a cytoskeletal protein that is closely related to both cell-matrix interactions and cell-cell junctions. VCL is a membrane-cytoskeletal protein in focal adhesion plaques that is involved in linkage of integrin adhesion molecules to the actin cytoskeleton. The protein contains an acidic N-terminal domain and a basic C-terminal domain separated by a proline-rich middle segment. This protein has multi-ligand properties and has been found to interact with a number of microfilament associated proteins, such as talin, a-actinin, and paxillin, which reportedly bind to either the head or tail domains of vinculin.
References	Massoumi R, et al. (2001) Leukotriene D(4) affects localisation of vinculin in intestinal epithelial cells via distinct tyrosine kinase and protein kinase C controlled events. J Cell Sci. 114(10): 1925-34.Turner CE, et al. (1994) Primary sequence of paxillin contains putative SH2 and SH3 domain binding motifs and multiple LIM domains: identification of a vinculin and pp125Fak-binding region. J Cell Sci. 107 (6): 1583-91.Strasser P, et al. (1993) Variable and constant regions in the C-terminus of vinculin and metavinculin: cloning and expression of fragments in E Coli. FEBS Lett. 317: 189-194.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507877
NCBI GeneID	7414
NCBI Accession #	NP_003364.1
NCBI GenBank Nucleotide #	NM_003373.3
UniProt Accession #	P18206; Q16450; Q5SWX2; Q7Z3B8; Q8IXU7
Molecular Weight	123,799 Da
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
NCBI Protein Information	vinculin; metavinculin
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://www.aaabiotech.com/polyclonal/vinculin-antibody-immunohistochemistry-elisa/254536>