

Vinculin Antibody | anti-VCL antibody

Vinculin (Phospho-Tyr821) Antibody

CATALOG # AAA267563	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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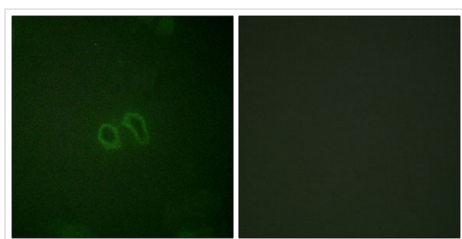
PRODUCT SYNONYMS

Vinculin; Vinculin (Phospho-Tyr821) Antibody; Metavinculin; VINC; anti-VCL antibody

PRODUCT SPECIFICATIONS

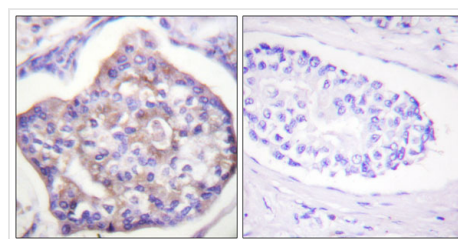
Reactivity	Human, Mouse, Rat
Specificity	Vinculin (Phospho-Tyr821) antibody detects endogenous levels of Vinculin only when phosphorylated at tyrosine 821.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1066
Applicable Applications for anti-VCL antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Vinculin around the phosphorylation site of tyrosine 821 (S-G-YP-R-I).
All Sites	Human: Tyr821 Mouse: Tyr821 Rat: Tyr822
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Vinculin (Phospho-Tyr821) antibody. Immunofluorescence analysis of HepG2 cells, using Vinculin (Phospho-Tyr821) antibody.



Application Data

P-peptide-+

ADDITIONAL INFORMATION

References	Tricia A. Holwell, J. Lipid Res., Aug 1999; 40: 1440. M Galou, J. Cell Biol., May 1996; 133: 853. PV Hornbeck, J. Immunol., Oct 1993; 151: 4013. M Ishizaki, Invest. Ophthalmol. Vis. Sci., Nov 1993; 34: 3320.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31543942
NCBI GeneID	22330
NCBI Accession #	NP_033528.3
NCBI GenBank Nucleotide #	NM_009502.5
UniProt Accession #	Q64727; Q8BP32; Q8BS46; Q922C5; Q922D9
Molecular Weight	116,717 Da
NCBI Official Full Name	vinculin
NCBI Official Synonym Full Names	vinculin
NCBI Official Symbol	Vcl
NCBI Official Synonym Symbols	AA571387; AI462105; AW545629; 9430097D22
NCBI Protein Information	vinculin
UniProt Protein Name	Vinculin
UniProt Gene Name	Vcl

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/vcl-human-mouse-rat-antibody/vinculin/267563>