

## Rabbit Vinculin Monoclonal Antibody | anti-VCL antibody

Anti-Vinculin Antibody

|                               |                       |                                        |                                                                              |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA265694</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunoprecipitation, Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

Vinculin; Monoclonal Antibody; Anti-Vinculin Antibody; anti-VCL antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                         |
| Reactivity                                    | Human, Mouse, Rat                                                                                              |
| Clonality                                     | Monoclonal                                                                                                     |
| Specificity                                   | Recognizes endogenous levels of Vinculin protein.                                                              |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                   | Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.               |
| Applicable Applications for anti-VCL antibody | IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                     |
| Immunogen                                     | A synthetic peptide of human Vinculin                                                                          |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of Vinculin staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of Vinculin expression in K562 (A), rat brain (B), C6 (C), NIH3T3 (D), Hela (E) whole cell lysates. (Predicted band size: 124 kD; Observed band size: 124 kD)

### ADDITIONAL INFORMATION

|                                                   |                                        |
|---------------------------------------------------|----------------------------------------|
| Related Product Information for anti-VCL antibody | Rabbit monoclonal antibody to Vinculin |
| Product Categories/Family for anti-VCL antibody   | <a href="#">Primary Antibodies</a>     |

### NCBI AND UNIPROT INFORMATION

|             |         |
|-------------|---------|
| NCBI GI #   | 4507877 |
| NCBI GeneID | 7414    |

|                                  |                        |
|----------------------------------|------------------------|
| NCBI Accession #                 | NP_003364.1            |
| NCBI GenBank Nucleotide #        | NM_003373.3            |
| UniProt Accession #              | P18206; Q64727; P85972 |
| 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://stage.aaabiotech.com/monoclonal/vinculin-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265694>