

# KD-Validated Anti-Vinculin Rabbit Polyclonal Antibody

*Rabbit polyclonal antibody*

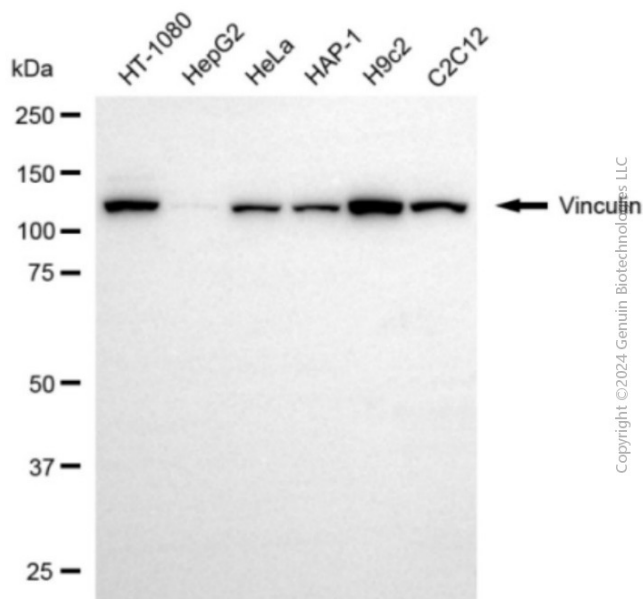
ABG2157

## Product Overview

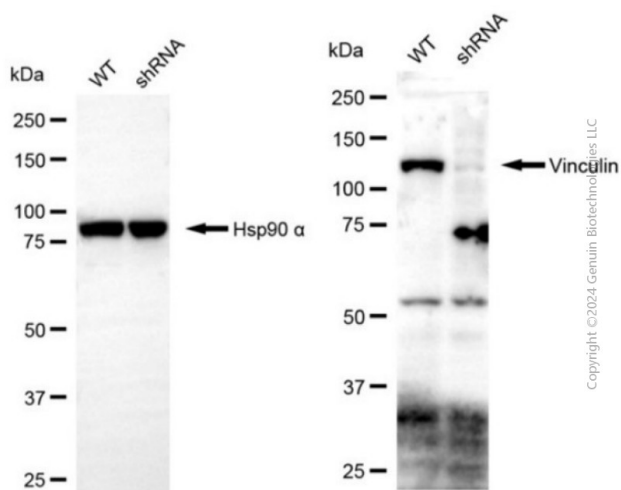
|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Vinculin Rabbit Polyclonal Antibody                     |
| <b>Accession(Primary)</b>   | P18206                                                                    |
| <b>Host Species</b>         | Rabbit                                                                    |
| <b>Clonality</b>            | Polyclonal                                                                |
| <b>Isotype</b>              | Rabbit IgG                                                                |
| <b>Immunogen</b>            | A synthesized peptide derived from human Vinculin                         |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                         |
| <b>Calculated MW</b>        | Predicted, 124 kDa, observed, 124 kDa                                     |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| <b>Recommended Dilution</b> | Western Blotting (WB): 1:500-1:2,500                                      |

## Target information (P18206)

|                          |                                                                                                                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | VCL                                                                                                                                                                                                                                                                                  |
| <b>About Gene Symbol</b> | VCL (Vinculin) is a structural cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



Western blotting analysis using anti-vinculin antibody (Cat#ABG2157). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-vinculin antibody (Cat#ABG2157, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-vinculin antibody (Cat#ABG2157). Vinculin expression in wild-type (WT) and vinculin (VCL) shRNA knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-vinculin antibody (Cat#ABG2157, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.