

# Product Datasheet

## Vinculin Antibody (VCL/2575) NBP2-79808-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP2-79808-100ug**

Vinculin Antibody (VCL/2575)

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	VCL/2575
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Target Molecular Weight</b>	117 kDa

**Product Description**

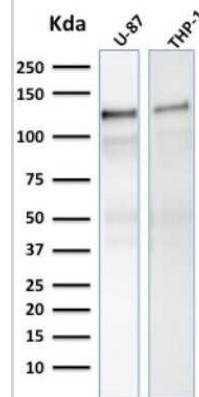
<b>Description</b>	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-79942)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
<b>Host</b>	Mouse
<b>Gene ID</b>	7414
<b>Gene Symbol</b>	VCL
<b>Species</b>	Human, Mouse
<b>Marker</b>	Marker of Age-related Macular Degeneration
<b>Immunogen</b>	Recombinant fragment (around aa 174-322) of human Vinculin (VCL) protein (exact sequence is proprietary) (Uniprot: P18206)

**Product Application Details**

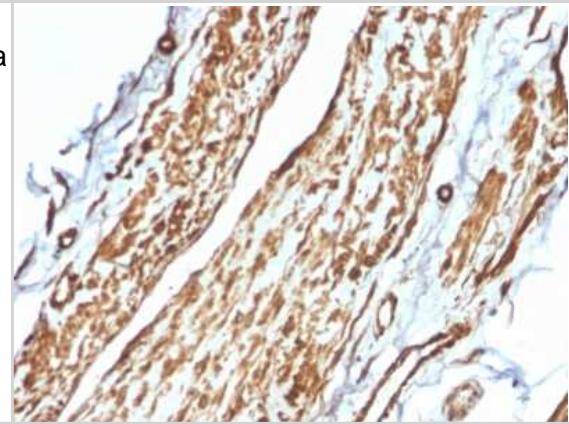
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml, Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

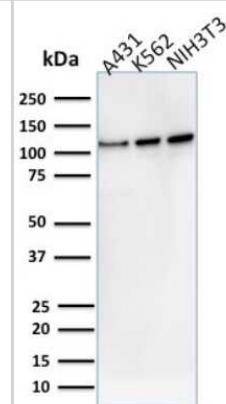
Western Blot: Vinculin Antibody (VCL/2575) [NBP2-79808] - Western Blot Analysis of human U-87, THP-1 cell lysate using Vinculin Antibody (VCL/2575).



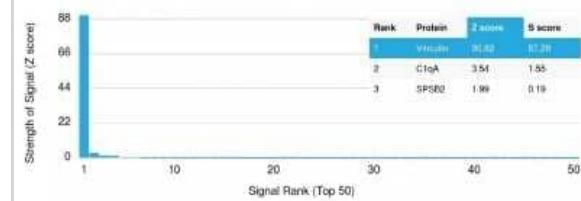
Immunohistochemistry-Paraffin: Vinculin Antibody (VCL/2575) [NBP2-79808] - Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with Vinculin Antibody (VCL/2575).



Western Blot: Vinculin Antibody (VCL/2575) [NBP2-79808] - Western Blot Analysis of human A431, K562, NIH3T3 cell lysate using Vinculin Antibody (VCL/2575).



Protein Array: Vinculin Antibody (VCL/2575) [NBP2-79808] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Vinculin Antibody (VCL/2575) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5.





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## Products Related to NBP2-79808-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00007414-P01-10ug	Recombinant Human Vinculin GST (N-Term) Protein

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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