

# Product Datasheet

## Vitronectin Antibody NBP2-20866

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NBP2-20866**

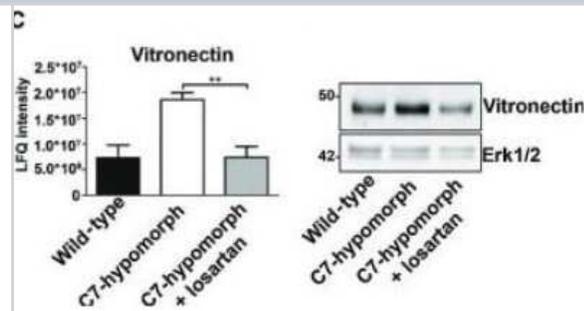
## Vitronectin Antibody

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	54 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	7448
<b>Gene Symbol</b>	VTN
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Vitronectin. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, ELISA Assay dependent, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000

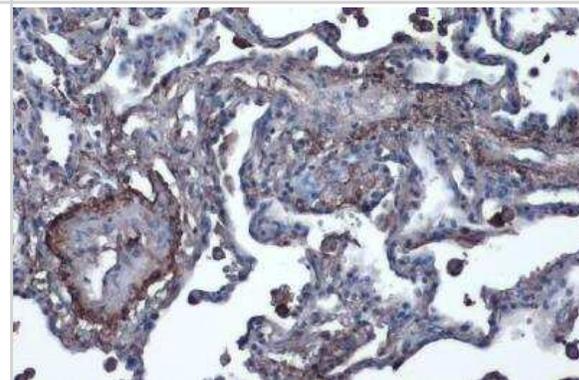


## Images

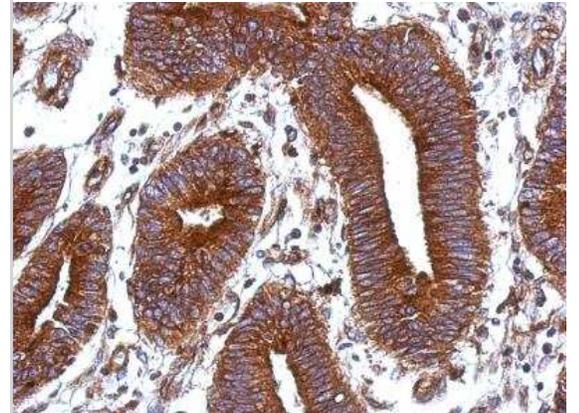
Western Blot: Vitronectin Antibody [NBP2-20866] - Proteomics analysis of losartan-mediated reversion of early fibrotic RDEB changes. Bar graph show abundance of representative proteins normalized by losartan treatment. Mean  $\pm$  S.E.M. (LFQ intensity) of groups of individual mice (wild-type, untreated, & losartan-treated C7-hypomorphic mice). Unpaired t-test calculated significance. Abundance of Lrg1: \*P-value C7-hypomorphic vs. losartan-treated C7-hypomorphic mice = 0.022; abundance of serpin f2: \*\*P-value untreated C7-hypomorphic vs. losartan-treated C7-hypomorphic mice = 0.0084; abundance of vitronectin: \*\*P-value untreated C7-hypomorphic vs. losartan-treated C7-hypomorphic mice = 0.0094. Western blots of skin lysates from wild-type, untreated C7-hypomorphic, & 7-week losartan-treated C7-hypomorphic mice not used for proteomics. Image collected & cropped by CiteAb from the following publication ([www.onlinelibrary.wiley.com/doi/10.15252/emmm.201505061](http://www.onlinelibrary.wiley.com/doi/10.15252/emmm.201505061)) licensed under a CC-BY license.



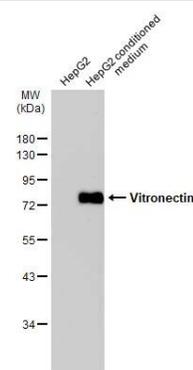
Immunohistochemistry-Paraffin: Vitronectin Antibody [NBP2-20866] - Vitronectin antibody detects Vitronectin protein by immunohistochemical analysis. Sample: Paraffin-embedded human lung cancer. Vitronectin stained by Vitronectin antibody diluted at 1:1000.



Immunohistochemistry-Paraffin: Vitronectin Antibody [NBP2-20866] - Human colon carcinoma, using Vitronectin antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: Vitronectin Antibody [NBP2-20866] - HepG2 whole cell extract and conditioned medium (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Vitronectin antibody (NBP2-20866) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Stuart CH, Riley KR, Boyacioglu O et al. Selection of a Novel Aptamer Against Vitronectin Using Capillary Electrophoresis and Next Generation Sequencing. *Mol Ther Nucleic Acids*. 2016-11-15 [PMID: 27845768] (IF/IHC, Human)

Nystrom A, Thriene K, Mittapalli V et al. Losartan ameliorates dystrophic epidermolysis bullosa and uncovers new disease mechanisms *EMBO Mol Med*. 2015-07-20 [PMID: 26194911] (WB, Human)





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### **Products Related to NBP2-20866**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-21315PEP	Vitronectin Recombinant Protein Antigen

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### **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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