

Product Datasheet

Vitronectin Antibody NBP2-20866

Unit Size: 0.1 ml

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

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NBP2-20866

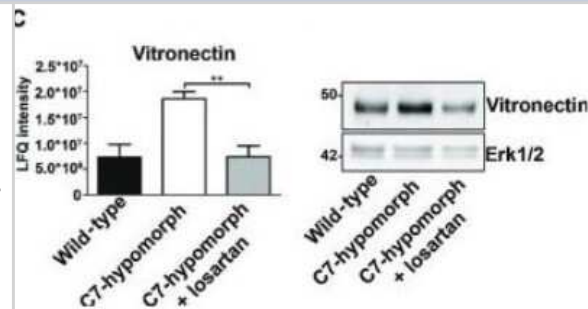
Vitronectin Antibody

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

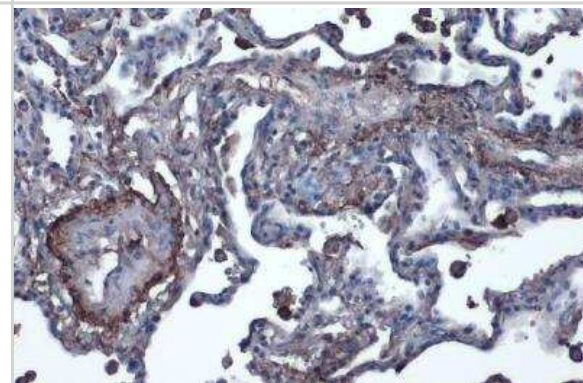


Images

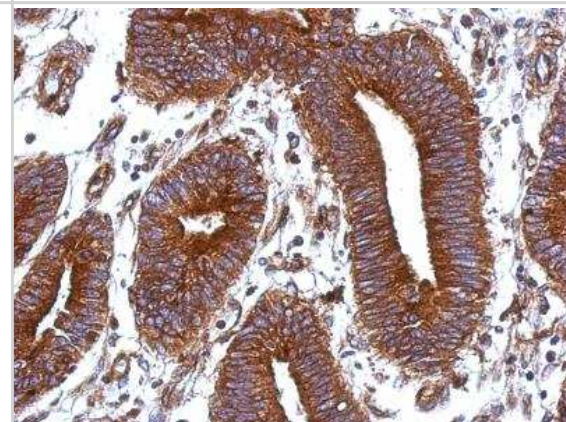
Western Blot: Vitronectin Antibody [NBP2-20866] - Proteomics analysis of losartan-mediated reversion of early fibrotic RDEB changes. Bar graph show abundance of representative proteins normalized by losartan treatment. Mean \pm S.E.M. (LFQ intensity) of groups of individual mice (wild-type, untreated, & 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) licensed under a CC-BY license.



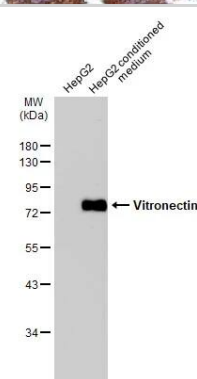
Immunohistochemistry-Paraffin: Vitronectin Antibody [NBP2-20866] - Vitronectin antibody detects Vitronectin protein by immunohistochemical analysis. Sample: Paraffin-embedded human lung cancer. Vitronectin stained by Vitronectin antibody diluted at 1:1000.



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

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

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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