

Vitronectin Polyclonal Antibody | anti-VTN antibody

Anti-Vitronectin Antibody

CATALOG # AAA46531	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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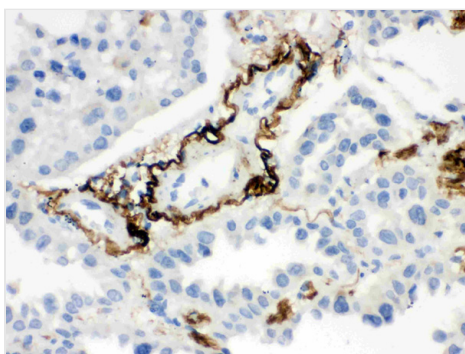
PRODUCT SYNONYMS

Vitronectin; Polyclonal Antibody; Anti-Vitronectin Antibody; Complement S Protein; Epibolin; S Protein; S-protein; Serum Spreading Factor; Serum-spreading factor; Somatomedin B; Somatomedin-B; V75; Vitronectin V10 subunit; Vitronectin V65 subunit; VN; VNT; VTN; VTNC_HUMAN; vitronectin; anti-VTN antibody

PRODUCT SPECIFICATIONS

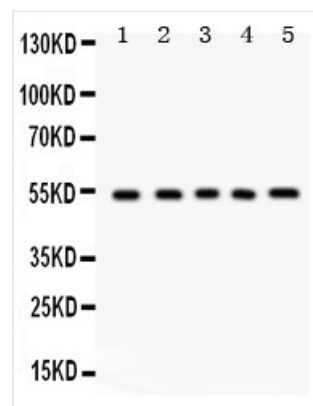
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	478
Applicable Applications for anti-VTN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Vitronectin (446-472 aa RVNLRTRRVDTVDPPYPRSIQYWLGC), different from the related mouse sequence by two amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- Vitronectin Picoband antibody, AAA46531, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti- Vitronectin Picoband antibody, AAA46531, Western blottingAll lanes: Anti Vitronectin (AAA46531) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Rat Lung Tissue Lysate at 50ugLane 3: HEPG2 Whole Cell Lysate at 40ugLane 4: HELA Whole Cell Lysate at 40ugLane 5: HEPA Whole Cell Lysate at 40ugPredicted bind size: 54KDObserved bind size: 54KD

ADDITIONAL INFORMATION

Related Product Information for anti-VTN antibody	Description: Rabbit IgG polyclonal antibody for Vitronectin(VTN) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Vitronectin, also known as VTN, is a protein that in humans is encoded by the VTN gene. The protein encoded by this gene is a member of the pexin family. It is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond. Also vitronectin serves to regulate proteolysis initiated by plasminogen activation. In addition, vitronectin is a component of platelets and is, thus, involved in hemostasis.
References	1. "Entrez Gene: M Vitronectin". 2. Jenne D, Stanley KK (October 1987). "Nucleotide sequence and organization of the human S-protein gene: repeating peptide motifs in the "pexin" family and a model for their evolution". Biochemistry 26 (21): 6735-42. 3. Preissner KT, Seiffert D (January 1998)."Role of vitronectin and its receptors in haemostasis and vascular remodeling" (&NDASH; SCHOLAR SEARCH). Thromb. Res. 89(1): 1-21.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88853069
NCBI GeneID	7448
NCBI Accession #	NP_000629.3
NCBI GenBank Nucleotide #	NM_000638.3
UniProt Accession #	P04004; P01141; Q9BSH7; B2R7G0
Molecular Weight	54,306 Da
NCBI Official Full Name	vitronectin
NCBI Official Synonym Full Names	vitronectin
NCBI Official Symbol	VTN
NCBI Official Synonym Symbols	VN; V75; VNT
NCBI Protein Information	vitronectin
UniProt Protein Name	Vitronectin
UniProt Gene Name	VTN
UniProt Synonym Gene Names	VN
UniProt Entry Name	VTNC_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.