10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

VTN / Vitronectin Antibody
Sheep Polyclonal Antibody
Catalog # ALS16805

Specification

VTN / Vitronectin Antibody - Product Information

Application	**IHC**
Primary Accession	P04004
Other Accession	7448
Reactivity	**Human**
Host	**Sheep**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**54306**

VTN / Vitronectin Antibody - Additional Information

Gene ID 7448

Other Names
VTN, Epibolin, Serum-spreading factor, VNT, S-protein, Somatomedin B, V75, VN, Complement S-protein, Serum spreading factor, Vitronectin

Target/Specificity
Specific for vitronectin as demonstrated by immunoelectrophoresis. A single precipitin arc is observed with normal plasma, of identical mobility to that obtained with purified vitronectin.

Reconstitution & Storage
0.01 M HEPES, pH 7.4, 0.15 M sodium chloride, 50% glycerol. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
VTN / Vitronectin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

VTN / Vitronectin Antibody - Protein Information

Name VTN

Function
Vitronectin is a cell adhesion and spreading factor found in serum and tissues. Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway.

Cellular Location
Secreted, extracellular space

Tissue Location
Expressed in the retina pigment epithelium (at protein level) (PubMed:25136834). Expressed in plasma (at protein level) (PubMed:2448300). Expressed in serum (at protein level) (PubMed:29567995).

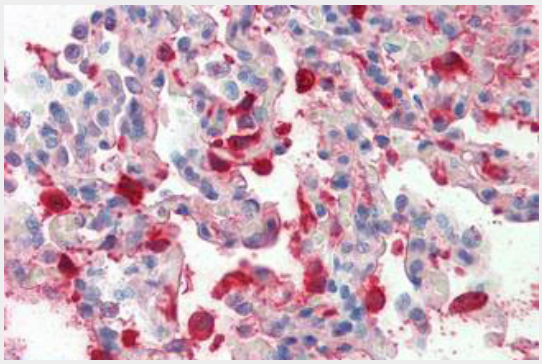
Volume
50 µl

VTN / Vitronectin Antibody - Protocols

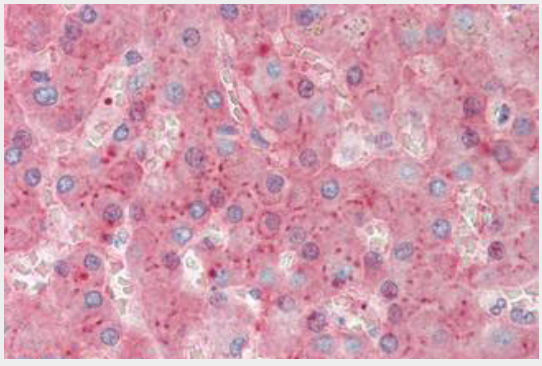
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

VTN / Vitronectin Antibody - Images



Anti-VTN / Vitronectin antibody IHC staining of human lung.



Anti-VTN / Vitronectin antibody IHC staining of human liver.

VTN / Vitronectin Antibody - Background

Vitronectin is a cell adhesion and spreading factor found in serum and tissues. Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin

family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway.

VTN / Vitronectin Antibody - References

Suzuki S.,et al.EMBO J. 4:2519-2524(1985).
Suzuki S.,et al.Submitted (JUN-1986) to the PIR data bank.
Jenne D.E.,et al.EMBO J. 4:3153-3157(1985).
Jenne D.E.,et al.Biochemistry 26:6735-6742(1987).
Ota T.,et al.Nat. Genet. 36:40-45(2004).