

**VTN Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7462a****Specification**

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**VTN Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P04004](#)**VTN Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 7448**Other Names**

Vitronectin, VN, S-protein, Serum-spreading factor, V75, Vitronectin V65 subunit, Vitronectin V10 subunit, Somatomedin-B, VTN

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7462a](/products/AP7462a) was selected from the N-term region of human VTN. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**VTN Antibody (N-term) Blocking Peptide - 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).

### **VTN Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **VTN Antibody (N-term) Blocking Peptide - Images**

### **VTN Antibody (N-term) Blocking Peptide - Background**

VTN is a member of the pexin family. This protein 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. The protein is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond.

### **VTN Antibody (N-term) Blocking Peptide - References**

Jenne D.E., Stanley K.K. EMBO J. 4:3153-3157(1985) Sigurdardottir O., Wiman B. Biochim. Acta 1208:104-110(1994) Seiffert D., Loskutoff D.J. Biol. Chem. 266:2824-2830(1991)