

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

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](#)