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

VR22 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8936c

Specification

VR22 Antibody (Center) Blocking Peptide - Product Information

Primary Accession	Q9UI47

VR22 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 29119

Other Names
Catenin alpha-3, Alpha T-catenin, Cadherin-associated protein, CTNNA3 {ECO:0000312|EMBL:AAF218011, ECO:0000312|HGNC:HGNC:2511}

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8936c was selected from the Center region of human VR22. 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.

VR22 Antibody (Center) Blocking Peptide - Protein Information

Name CTNNA3 {ECO:0000312|EMBL:AAF21801.1, ECO:0000312|HGNC:HGNC:2511}

Function
May be involved in formation of stretch-resistant cell-cell adhesion complexes.

Cellular Location
Cytoplasm, cytoskeleton. Cell junction, desmosome {ECO:0000250|UniProtKB:Q65CL1}. Note=Localizes to intercalated disks of cardiomyocytes and in peritubular myoid cells of testis, and colocalizes with CTNNA1 and CTNNA2. Colocalizes with PKP2 at intercalated disks in the heart (By similarity) {ECO:0000250|UniProtKB:Q65CL1, ECO:0000269|PubMed:11590244}

Tissue Location
Predominantly expressed in heart and testis. Expressed at lower levels in brain, kidney, liver and skeletal muscle

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

VR22 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

VR22 Antibody (Center) Blocking Peptide - Images

VR22 Antibody (Center) Blocking Peptide - References

Kim,S.H., et.al., Clin. Exp. Allergy 39 (2), 203-212 (2009)Morgan,A.R., et.al., Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (6), 727-731 (2008)