



**ROPN1 Blocking Peptide (Center)** 

Synthetic peptide Catalog # BP21743c

## **Specification**

**ROPN1 Blocking Peptide (Center) - Product Information** 

Primary Accession <u>Q9HAT0</u>

ROPN1 Blocking Peptide (Center) - Additional Information

**Gene ID 54763** 

#### **Other Names**

Ropporin-1A, Cancer/testis antigen 91, CT91, Rhophilin-associated protein 1A, ROPN1, ROPN1A

#### Target/Specificity

The synthetic peptide sequence is selected from aa 111-121 of HUMAN ROPN1

### **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.

**ROPN1** Blocking Peptide (Center) - Protein Information

Name ROPN1

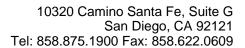
Synonyms ROPN1A

#### **Function**

Important for male fertility. With ROPN1L, involved in fibrous sheath integrity and sperm motility, plays a role in PKA-

# ROPN1 Blocking Peptide (Center) - References

Zhou Z.M.,et al.Submitted (AUG-2001) to the EMBL/GenBank/DDBJ databases. Bechtel S.,et al.BMC Genomics 8:399-399(2007). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Li Z.,et al.Int. J. Cancer 121:1507-1511(2007).





dependent signaling processes required for spermatozoa capacitation.

#### **Cellular Location**

Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9ESG2}.
Note=In the sperm tail, found in the principal piece and in the cytoplasmic droplet located at the distal end of the midpiece. Inner surface of the fibrous sheath {ECO:0000250|UniProtKB:Q9ESG2}

### **Tissue Location**

Testis specific in adult. Overexpressed in hematologic tumor cells.

# ROPN1 Blocking Peptide (Center) - Protocols

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

• Blocking Peptides