

**ROPN1 Blocking Peptide (Center)**

Synthetic peptide

Catalog # BP21743c

**Specification**

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

Primary Accession

[Q9HAT0](#)**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- 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](#)

**ROPN1 Blocking Peptide (Center) - Images****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).