

ROPN1 Blocking Peptide (Center)

Synthetic peptide

Catalog # BP21743c

Specification**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-**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](#)