

ROPN1B antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13329**Specification**

ROPN1B antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q9BZX4
Other Accession	NM_001012337 , NP_001012337
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Human
Clonality	Rabbit
Calculated MW	Polyclonal 24kDa KDa

ROPN1B antibody - N-terminal region - Additional Information**Gene ID** 152015**Other Names**

Ropporin-1B, Rhophilin-associated protein 1B, ROPN1B

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-ROPN1B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

ROPN1B antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ROPN1B antibody - N-terminal region - Protein Information**Name** ROPN1B**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.

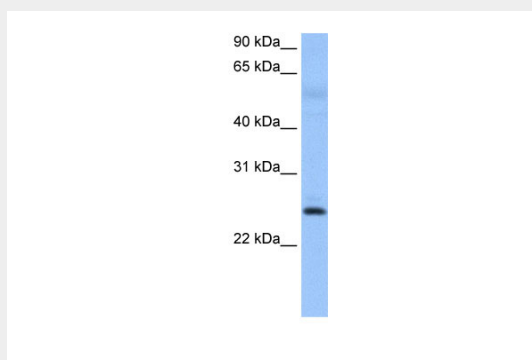
Cellular Location

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}

ROPN1B antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ROPN1B antibody - N-terminal region - Images

WB Suggested Anti-ROPN1B Antibody Titration: 0.2-1 μ g/ml
Positive Control: Human Muscle

ROPN1B antibody - N-terminal region - References

Carr D.W., et al. J. Biol. Chem. 276:17332-17338(2001).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.