

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

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**ROPN1B antibody - N-terminal region - Product Information**

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Application       | WB                                                          |
| Primary Accession | <a href="#">Q9BZX4</a>                                      |
| Other Accession   | <a href="#">NM_001012337</a> , <a href="#">NP_001012337</a> |
| Reactivity        | Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog          |
| Predicted Host    | Human                                                       |
| Clonality         | Rabbit                                                      |
| Calculated MW     | Polyclonal<br>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**

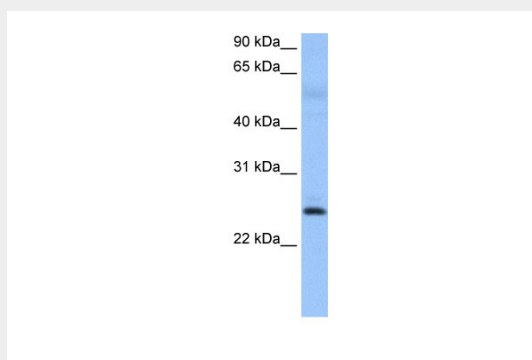
Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9ESG2}. Note=In the sperm tail, found in the principal piece and in the cytoplasmic droplet located at the distal end of the midpiece. Inner surface of the fibrous sheath {ECO:0000250|UniProtKB:Q9ESG2}

## 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  $\mu$ 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.