

# ROPN1L rabbit monoclonal antibody

Catalog # H00083853-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human ROPN1L peptide using ARM Technology.
Immunogen	A synthetic peptide of human ROPN1L is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ROPN1L peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — ROPN1L

**Entrez GeneID** [83853](#)

**GeneBank Accession#** [ROPN1L](#)

**Gene Name** ROPN1L

**Gene Alias** ASP, FLJ23003, FLJ25776

**Gene Description** ropporin 1-like

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a sperm protein, which interacts with A-kinase anchoring protein, AKAP3, through the amphipathic helix region of AKAP3. Type II regulatory subunit of cAMP-dependent protein kinase (PKARII) also binds to this helix domain of AKAP3, which allows PKARII to be targeted to specific subcellular compartments. It is suggested that sperm contains several proteins that bind to AKAPs in a manner similar to PKARII, and this encoded protein may be one of them. [provided by RefSeq]

**Other Designations** AKAP-associated sperm protein