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ROPN1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21743c

Product Information

Application	WB, E
Primary Accession	Q9HAT0
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53560
Calculated MW	23893

Additional Information

Gene ID	54763
Other Names	Ropporin-1A, Cancer/testis antigen 91, CT91, Rhophilin-associated protein 1A, ROPN1, ROPN1A
Target/Specificity	This ROPN1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 91-121 amino acids from the Central region of human ROPN1.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ROPN1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

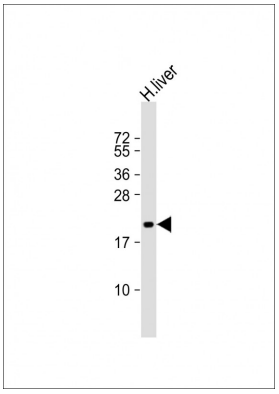
Cellular Location Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9ESG2}. Note=In the sperm tail, found in the principal piece and in the cytoplasmic droplet located at the distal end of the midpiece. Inner surface of the fibrous sheath {ECO:0000250|UniProtKB:Q9ESG2}

Tissue Location Testis specific in adult. Overexpressed in hematologic tumor cells.

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).

Images



Anti-ROPN1 Antibody (Center) at 1:2000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.