

For Research Use Only

ROPN1L Polyclonal antibody

Catalog Number: 12565-1-AP



Basic Information

Catalog Number:

12565-1-AP

Size:

900 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3178

GenBank Accession Number:

BC014607

GeneID (NCBI):

83853

UNIPROT ID:

Q96C74

Full Name:

ropporin 1-like

Calculated MW:

230 aa, 26 kDa

Observed MW:

26 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse testis tissue, rat testis tissue

IHC : mouse testis tissue, human colon cancer tissue

Background Information

ROPN1L (Rhopilin Associated Tail Protein 1 Like) is a protein-coding gene that is a member of the ropporin family. ROPN1L plays a role in sperm function, as mutations in ROPN1L can cause defects in the fibrous sheath integrity, sperm motility, and PKA-dependent signaling processes, leading to male infertility.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

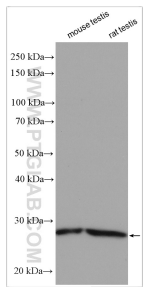
T: 4006900926

E: Proteintech-CN@ptglab.com

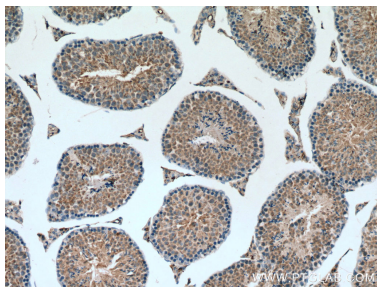
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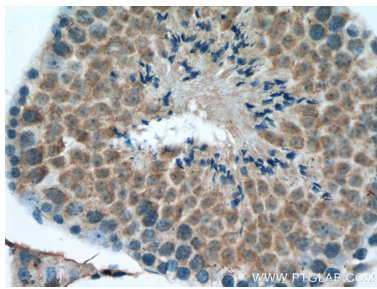
Selected Validation Data



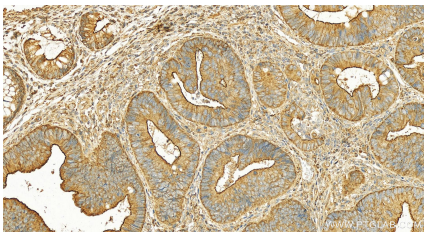
Various lysates were subjected to SDS PAGE followed by western blot with 12565-1-AP (ROPN1L antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12565-1-AP (ROPN1L antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12565-1-AP (ROPN1L antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12565-1-AP (ROPN1L antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).