For Research Use Only

ROPN1B Polyclonal antibody, PBS Only

Catalog Number:34136-1-PBS

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Basic Information

Catalog Number:
34136-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10787

GenBank Accession Number:
BC015413

GeneID (NCBI):
152015

UNIPROT ID:
Q9BZX4

Full Name:
ropporin, rhophilin associated protein 1B

Calculated MW:
120 aa, 24 kDa

Observed MW:
22 kDa

Purification Method:
Antigen affinity Purification

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Ropporin-1B (ROPN1B), cancer-restricted antigen, is highly expressed and immunogenic, inducing humoral immunity in patients with advanced metastatic melanoma (PMID: 33918976). It is important for male fertility. With ROPN1L, involved in fibrous sheath integrity and sperm motility, it plays a role in PKA-dependent signaling processes required for spermatozoa capacitation (PMID: 23303679).

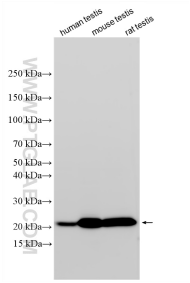
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

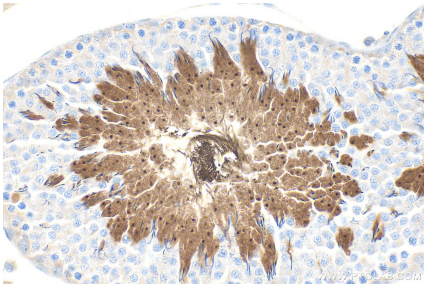
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34136-1-AP (ROPN1B antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 34136-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 34136-1-AP (ROPN1B antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 34136-1-PBS in a different storage buffer formulation.