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Datasheet for ABIN655789

anti-ROPN1L antibody (N-Term)

2 Images

Overview

Quantity:	400 µL
Target:	ROPN1L
Binding Specificity:	AA 32-60, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROPN1L antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ROPN1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-60 amino acids from the N-terminal region of human ROPN1L.
Clone:	RB30169
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ROPN1L
Alternative Name:	ROPN1L (ROPN1L Products)

Target Details

Background: 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.

Molecular Weight: 26107

Gene ID: 83853

NCBI Accession: [NP_001188395](#), [NP_114122](#)

UniProt: [Q96C74](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

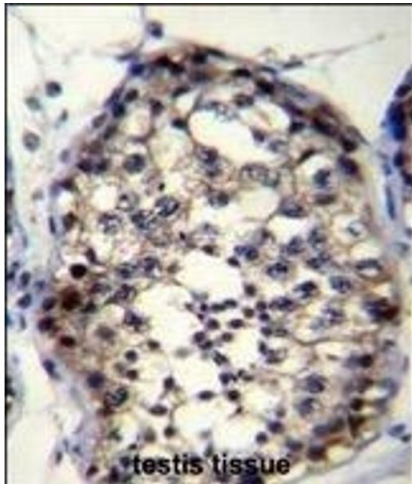
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

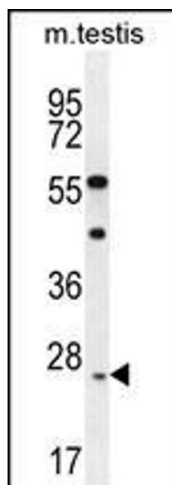
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ROPN1L Antibody (N-term) (ABIN655789 and ABIN2845219) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ROPN1L Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. ROPN1L Antibody (N-term) (ABIN655789 and ABIN2845219) western blot analysis in mouse testis tissue lysates (35 µg/lane). This demonstrates the ROPN1L antibody detected the ROPN1L protein (arrow).