

Rabbit ROPN1L Polyclonal Antibody | anti-ROPN1L antibody

ROPN1L Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283821	Rabbit	Mouse (Predicted Reactivity: Bovine, Monkey)	Immunohistochemistry, ELISA, Western Blot

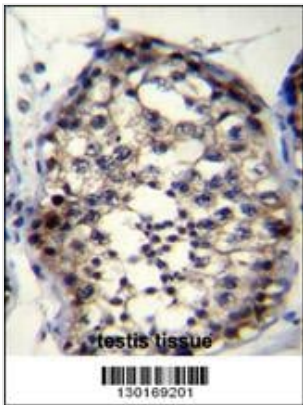
PRODUCT SYNONYMS

ROPN1L; Polyclonal Antibody; ROPN1L Antibody (N-term); Ropporin-1-like protein; ROPN1-like protein; AKAP-associated sperm protein; ASP; anti-ROPN1L antibody

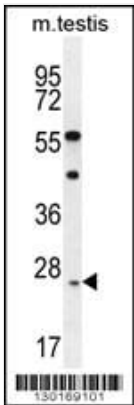
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Bovine, Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	32-60
Sequence Length	230
Applicable Applications for anti-ROPN1L antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
ROPN1L Antibody (N-term) 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.



WB (Western Blot)
ROPN1L Antibody (N-term) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates the ROPN1L antibody detected the ROPN1L protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ROPN1L antibody	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.
Product Categories/Family for anti-ROPN1L antibody	Cell Biology; Signal transduction
References	Carr, D.W., et al. J. Biol. Chem. 276(20):17332-17338(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	319890246
NCBI GeneID	83853
NCBI Accession #	NP_001188395.1; NP_114122.2
NCBI GenBank Nucleotide #	NM_001201466.1
UniProt Accession #	Q96C74; Q9BZX0; D3DTC9
Molecular Weight	26107
NCBI Official Full Name	ropporin-1-like protein
NCBI Official Synonym Full Names	rhophilin associated tail protein 1-like
NCBI Official Symbol	ROPN1L
NCBI Official Synonym Symbols	ASP; RSPH11; LINC01513
NCBI Protein Information	ropporin-1-like protein
UniProt Protein Name	Ropporin-1-like protein
UniProt Gene Name	ROPN1L

UniProt Synonym Gene Names	ASP; ROPN1-like protein
UniProt Entry Name	ROP1L_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ropr1l-antibody-immunohistochemistry-western-blot-elisa/283821>