

Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free ab249759

Recombinant RabMAb

9 Images

Overview

Product name	Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free
Description	Rabbit monoclonal [EPR11266(B)] to AKAP associated Sperm Protein/ROPN1L - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, IP Unsuitable for: ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human AKAP associated Sperm Protein/ROPN1L aa 200 to the C-terminus (Cysteine residue). The exact sequence is proprietary. Database link: Q96C74
General notes	<p>ab249759 is the carrier-free version of ab173298.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit</p>

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR11266(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249759 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

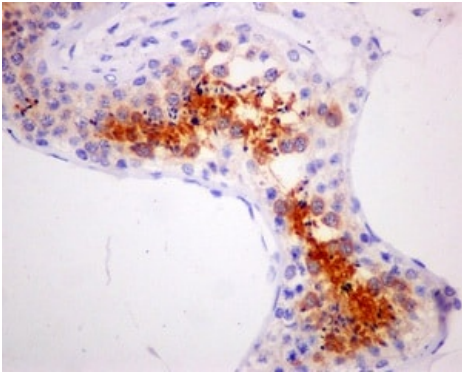
Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 26 kDa (predicted molecular weight: 26 kDa).
IP		Use at an assay dependent concentration.

Application notes Is unsuitable for ICC/IF.

Target

Sequence similarities Belongs to the ropporin family.
Contains 1 RIIa domain.

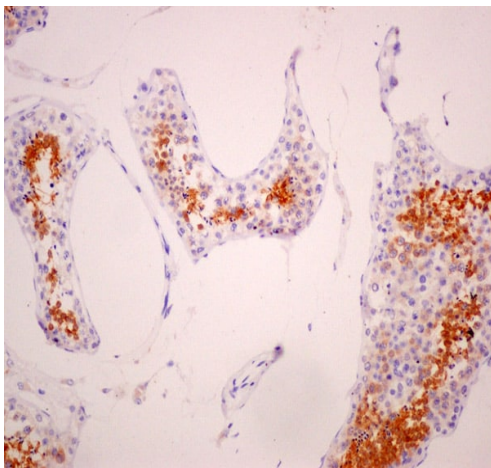
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free (ab249759)

This data was developed using **ab173298**, the same antibody clone in a different buffer formulation.

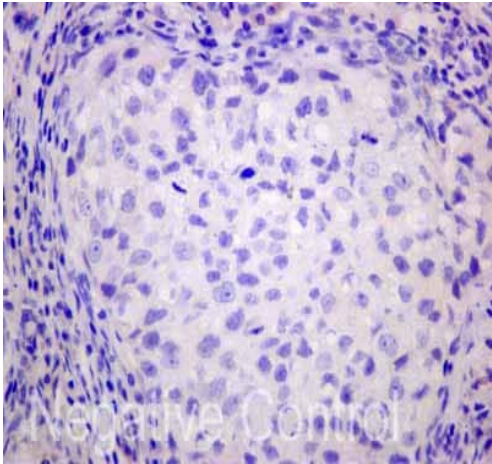
Immunohistochemical analysis of paraffin embedded Human testis tissue labeling AKAP associated Sperm Protein/ROPN1L with **ab173298** at 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free (ab249759)

This data was developed using **ab173298**, the same antibody clone in a different buffer formulation.

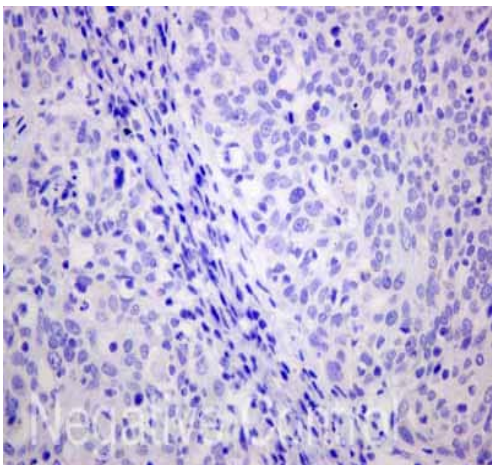
ab173298 showing +ve staining in Human normal testis tissue. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free (ab249759)

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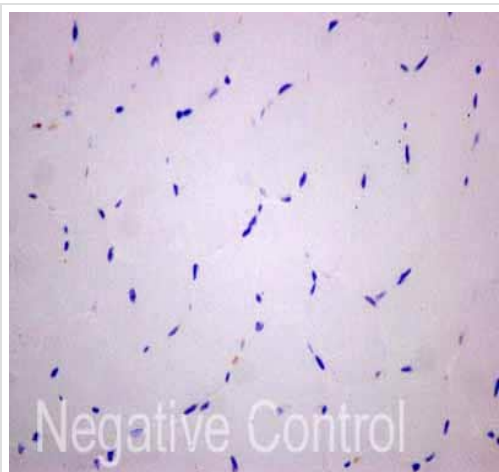
[**ab173298**](#) showing -ve staining in Human breast carcinoma tissue. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free (ab249759)

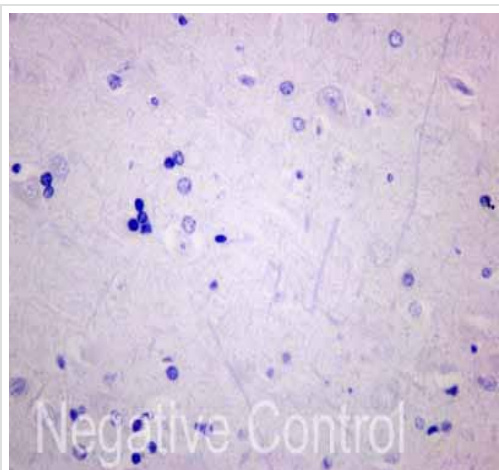
This data was developed using [**ab173298**](#), the same antibody clone in a different buffer formulation.

[**ab173298**](#) showing -ve staining in Human cervical carcinoma tissue. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



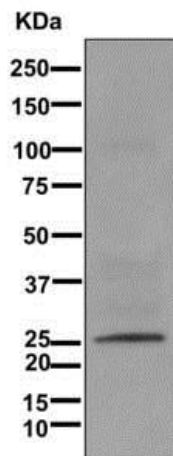
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free (ab249759)

This data was developed using [ab173298](#), the same antibody clone in a different buffer formulation. [ab173298](#) showing -ve staining in Human skeletal muscle tissue. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free (ab249759)

This data was developed using [ab173298](#), the same antibody clone in a different buffer formulation. [ab173298](#) showing -ve staining in Human normal brain tissue. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

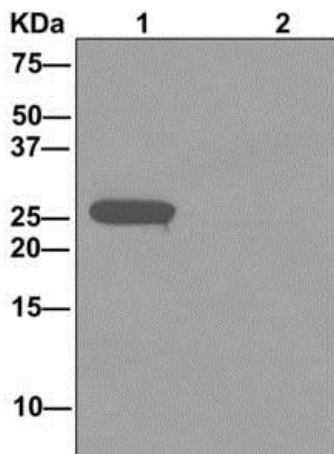


Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] ([ab173298](#)) at 1/1000 dilution + Human testis lysate at 10 µg

Predicted band size: 26 kDa

This data was developed using [ab173298](#), the same antibody clone in a different buffer formulation.

Western blot - Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free ([ab249759](#))



This data was developed using [ab173298](#), the same antibody clone in a different buffer formulation.

Immunoprecipitation. [ab173298](#) at 1/1000 staining AKAP associated Sperm Protein/ROPN1L immunoprecipitated from Human testis lysate using [ab173297](#) at 1/10.

Lane 2: 1X PBS (negative control).

Immunoprecipitation - Anti-AKAP associated Sperm Protein/ROPN1L antibody [EPR11266(B)] - BSA and Azide free ([ab249759](#))

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-AKAP associated Sperm Protein/ROPN1L
antibody [EPR11266(B)] - BSA and Azide free
(ab249759)

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