

Product datasheet

Anti-FILGAP antibody ab224371

1 Image

Overview

Product name	Anti-FILGAP antibody
Description	Rabbit polyclonal to FILGAP
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human FILGAP aa 486-612.

Sequence:

```
ILNSDTLGNPTNVRNMSWLPNGYVTLRDNKQKEQAGELG
QHNRLSTYDNL
HQQFSMMNLDDKQSIDSATWSTSSCEISLPENSNSCRSS
TTTCPEQDFFG GNFEDPVLDGPPQDDLSHPRDYESKSD
```

Database link: [Q8N264](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control IHC-P: Human kidney tissue.

General notes This product was previously labelled as Rho GTPase-activating protein 24

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab224371** in the following tested applications.

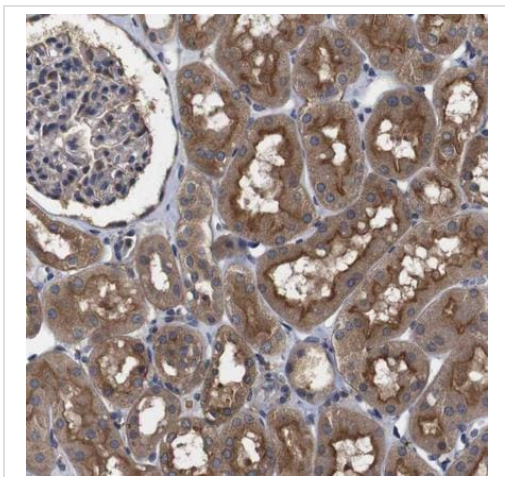
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Relevance	ARHGAP24 is a rho GTPase-activating protein involved in cell polarity, cell morphology and cytoskeletal organization. It acts as a GTPase activator for the Rac-type GTPase by converting it to an inactive GDP-bound state. It controls actin remodeling by inactivating Rac downstream of Rho leading to suppress leading edge protrusion and promotes cell retraction to achieve cellular polarity. There are five different isoforms. Isoform 1 is widely expressed with a higher level in kidney. Isoform 2 is mainly expressed in endothelial cells and is involved in modulation of angiogenesis.
Cellular localization	Cytoplasmic, cytoskeleton. Cell junction: adherens junction, focal adhesion. Cell projection.

Images



Paraffin-embedded human kidney tissue stained for FILGAP using ab224371 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FILGAP antibody (ab224371)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

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- Response to your inquiry within 24 hours
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