



## Product datasheet

### Anti-FAM13A antibody ab122440

[3 References](#) [5 Images](#)

#### Overview

<b>Product name</b>	Anti-FAM13A antibody
<b>Description</b>	Rabbit polyclonal to FAM13A
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human FAM13A aa 904-973 (C terminal). Sequence:  TDFSARCFLDQFEDDADGFI <del>SP</del> MDDKIPSKCSQDTGLSN LHAASIPELLE HLQEMREEKKRIRKKLRDFE  Database link: <a href="#">O94988</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	IHC-P: Human testis, small intestine, Fallopian tube and cerebral cortex Tissue ICC/IF: Human cell line U-2 OS
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab122440 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		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

## Target

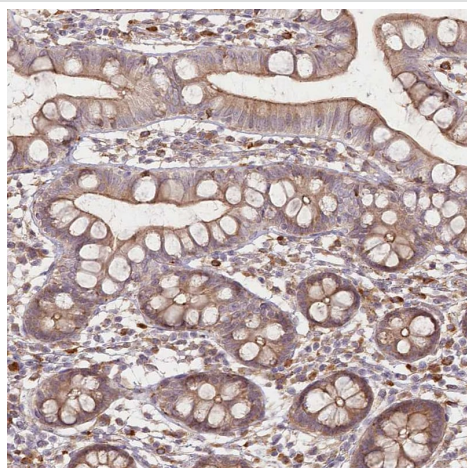
### Tissue specificity

Isoform 1 is widely expressed, with highest expression in skeletal muscle, thymus, brain and lung. Isoform 3 is less abundant than isoform 1 and predominantly expressed in kidney, pancreas, liver, lung and thymus.

### Sequence similarities

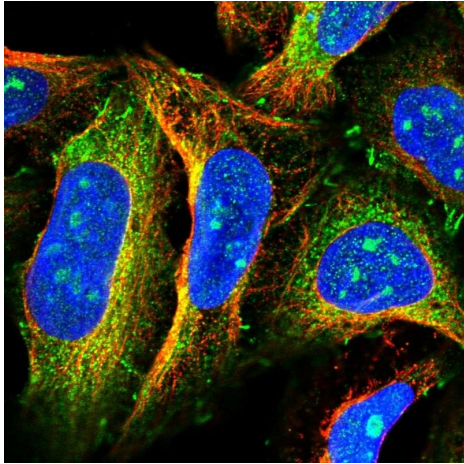
Belongs to the FAM13 family.  
Contains 1 Rho-GAP domain.

## Images



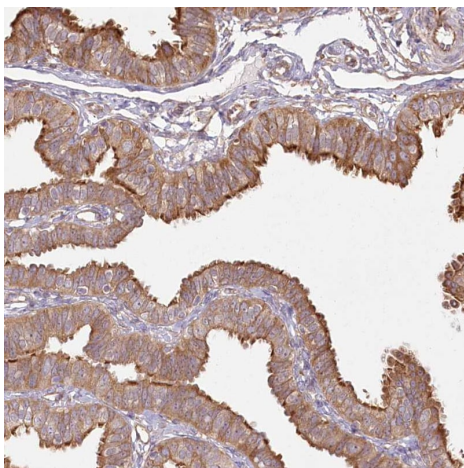
Immunohistochemical analysis of human small intestine labeling FAM13A with ab122440 showing strong cytoplasmic positivity in glandular cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FAM13A antibody (ab122440)



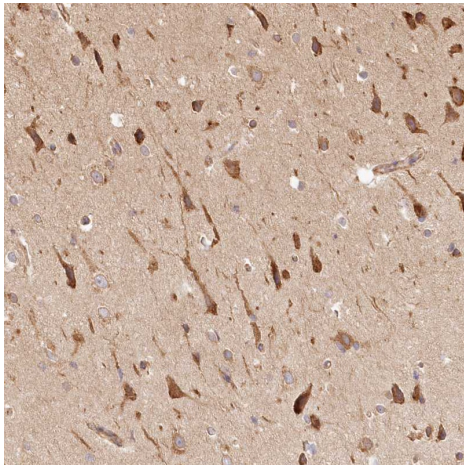
Immunocytochemistry/ Immunofluorescence analysis of U2-OS cells labeling FAM13A with ab122440 showing localization to nucleoli, cytosol & cell junctions.

Immunocytochemistry/ Immunofluorescence - Anti-FAM13A antibody (ab122440)



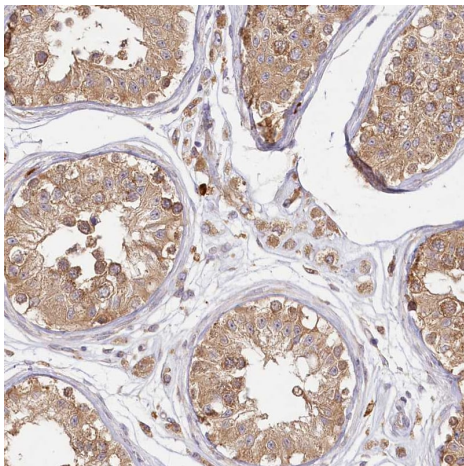
Immunohistochemical analysis of human fallopian tube labeling FAM13A with ab122440 showing strong cytoplasmic positivity in glandular cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FAM13A antibody (ab122440)



Immunohistochemical analysis of human cerebral cortex labeling FAM13A with ab122440 showing strong cytoplasmic positivity in neurons.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FAM13A antibody (ab122440)



Immunohistochemical analysis of human testis labeling FAM13A with ab122440 showing strong cytoplasmic positivity in glandular cells in seminiferous duct.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FAM13A antibody (ab122440)

**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
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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