





### Anti-FAM83H antibody ab121828

2 Images

#### Overview

<b>Product name</b>	Anti-FAM83H antibody
<b>Description</b>	Rabbit polyclonal to FAM83H
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	antigen sequence: VVSQAWREEV AAPGAVGGER RSLESCLLDL RDSFAQQLHQ EAERQPGAAS LTAAQLLDL GRSGSDRLPS RFLSAQSHST SPQGLDSPLP LEGS, corresponding to amino acids 764-857 of Human FAM83H (UniProt ID: Q6ZRV2). <a href="#"> Run BLAST with </a> <a href="#"> Run BLAST with </a>
<b>Positive control</b>	Human vagina tissue
<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
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab121828 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		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

### Function

May play a major role in the structural organization and calcification of developing enamel.

### Tissue specificity

Expressed in the tooth follicle.

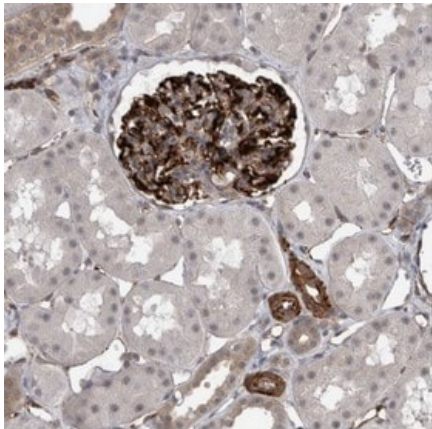
### Involvement in disease

Defects in FAM83H are the cause of amelogenesis imperfecta type 3 (AI3) [MIM:130900]. AI3 is an autosomal dominant hypomineralized form of amelogenesis imperfecta, a defect of enamel formation. AI3 is characterized by enamel of normal thickness, but soft and with cheesy consistency. Enamel is lost from tooth soon after eruption.

### Sequence similarities

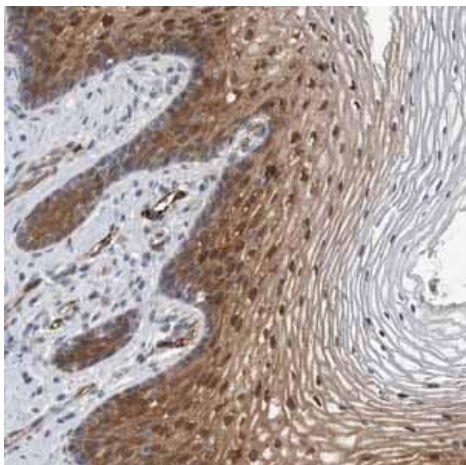
Belongs to the FAM83 family.

## Images



ab121828, at a 1/200 dilution, staining FAM83H in paraffin embedded Human vagina tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FAM83H antibody (ab121828)



Immunohistochemical staining of Human vagina shows strong cytoplasmic and nuclear positivity in squamous epithelial cells using ab121828

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FAM83H antibody (ab121828)

**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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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.

#### Terms and conditions

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