


# Anti-P4HA3 antibody ab101657

[7 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-P4HA3 antibody
<b>Description</b>	Rabbit polyclonal to P4HA3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Recombinant fragment, corresponding to internal sequence amino acids 130-396 of Human P4HA3 (BC117333).
<b>Positive control</b>	Human fetal kidney & liver lysates, Human fetal liver 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>	Lyophilized:Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
<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>	Preservative: 0.02% Sodium azide
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab101657 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
WB		1/500 - 1/1000. Predicted molecular weight: 61 kDa.
IHC-P		1/100 - 1/500.

## Target

### Function

Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.

### Tissue specificity

Highly expressed in placenta, liver and fetal skin. Weakly expressed in fetal epiphyseal cartilage, fetal liver, fibroblast, lung and skeletal muscle. Expressed also in fibrous cap of carotid atherosclerotic lesions.

### Sequence similarities

Belongs to the P4HA family.  
Contains 1 Fe2OG dioxygenase domain.  
Contains 1 TPR repeat.

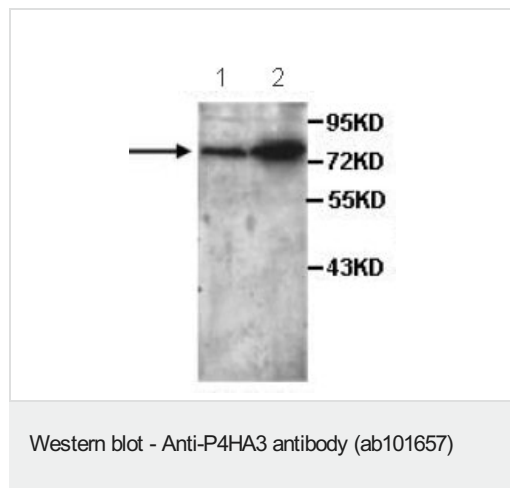
### Post-translational modifications

N-glycosylation plays no role in the catalytic activity.

### Cellular localization

Endoplasmic reticulum lumen.

## Images

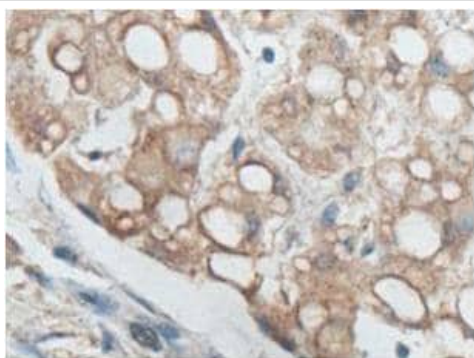


**All lanes :** Anti-P4HA3 antibody (ab101657) at 1/500 dilution

**Lane 1 :** Human fetal kidney lysate

**Lane 2 :** Human fetal liver lysate

**Predicted band size:** 61 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-P4HA3 antibody (ab101657)

ab101657 at 1/100 dilution staining P4HA3 in Human fetal liver by Immunohistochemistry Formalin-fixed, Paraffin-embedded tissue.

**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

---

- 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

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors