


### Anti-USP51 antibody ab121147

★★★★★ [1 Abreviews](#) [2 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-USP51 antibody
<b>Description</b>	Rabbit polyclonal to USP51
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Horse, Pig, Gorilla 
<b>Immunogen</b>	Recombinant fragment: LRLIYQRFVW SGTPEPTRKRK AKSCICHVCS THMNRLHSCL SCVFFGCFTE KHIHKHAETK QHHLAVDLYH GVIYCFMCKD VYDKDIEQI AKETKEKILR LLTSTSTDVS HQQFMTSGFE DKQSTCETKE QEP, corresponding to internal sequence amino acids 211-343 of Human USP51 (UniProt ID: Q70EK9). <a href="#">Run BLAST with Expasy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	IHC-P: Human pancreas tissue WB: Human RT-4, U-251 MG, A-431, liver, and tonsil lysates
<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 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 ab121147 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
ICC/IF	★★★★★ (1)	Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

### Tissue specificity

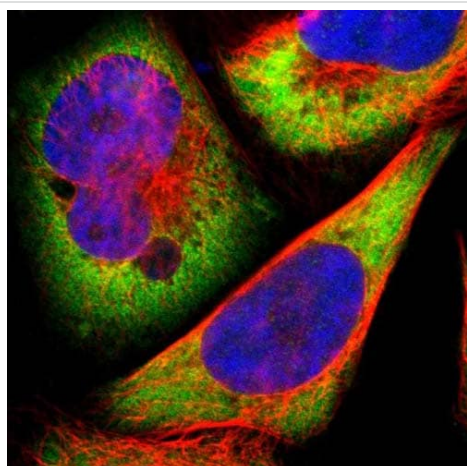
Expressed in prostate, brain, lung, aorta and kidney.

### Sequence similarities

Belongs to the peptidase C19 family.

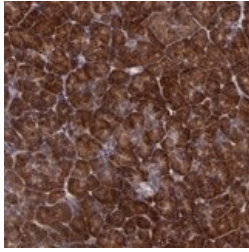
Contains 1 UBP-type zinc finger.

## Images



Immunofluorescent staining of Human cell line A-431 shows positivity in cytoplasm. Recommended concentration of ab121147 1-4 µg/ml. Cells treated with PFA/Triton X-100.

Immunocytochemistry/ Immunofluorescence - Anti-USP51 antibody (ab121147)



Immunohistochemical staining of paraffin embedded Human pancreas tissue, using ab121147 at a 1/100 dilution. The image shows strong cytoplasmic positivity in exocrine glandular cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP51 antibody (ab121147)

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

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