


# Anti-USP2 antibody ab101609

[1 References](#) [2 图像](#)

### 概述

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<b>产品名称</b>	Anti-USP2抗体
<b>描述</b>	兔多克隆抗体to USP2
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> IHC-P
<b>种属反应性</b>	<b>与反应:</b> Human <b>预测可用于:</b> Mouse 
<b>免疫原</b>	Synthetic peptide raised against c-terminal domain of Human USP2, conjugated to KLH.
<b>阳性对照</b>	Human placenta, Human testis
<b>常规说明</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>

### 性能

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<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>存储溶液</b>	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: PBS
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

### 应用

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## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab101609 于以下的经测试应用

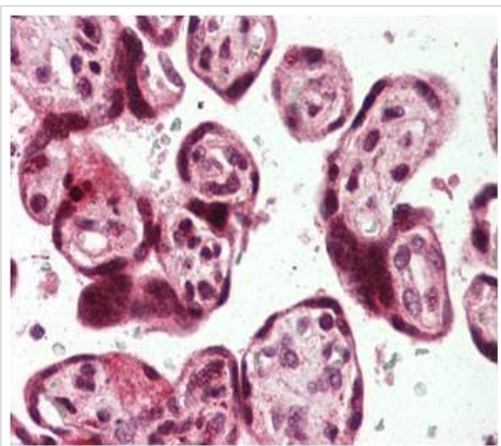
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml. Requires pretreatment with proteinase K.

## 靶标

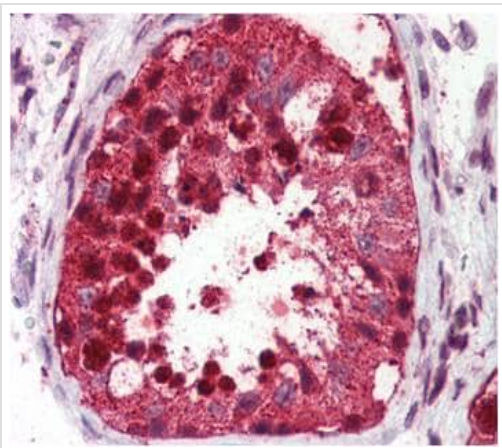
<b>功能</b>	Hydrolase that deubiquitinates polyubiquitinated target proteins such as MDM2, MDM4 and CCND1. Isoform 1 and isoform 4 possess both ubiquitin-specific peptidase and isopeptidase activities. Deubiquitinates MDM2 without reversing MDM2-mediated p53/TP53 ubiquitination and thus indirectly promotes p53/TP53 degradation and limits p53 activity. Has no deubiquitinase activity against p53/TP53. Prevents MDM2-mediated degradation of MDM4. Plays a role in the G1/S cell-cycle progression in normal and cancer cells. Plays a role in the regulation of myogenic differentiation of embryonic muscle cells.
<b>组织特异性</b>	Expressed in mesangial cells of the kidney and in different types of glomerulonephritides (at protein level).
<b>序列相似性</b>	Belongs to the peptidase C19 family. USP2 subfamily.
<b>结构域</b>	The different N-terminus extensions of isoform 1 and isoform 4 determine their respective subcellular localization and differential effect on myoblast fusion and accumulation of muscle-specific proteins. The different N-terminus extensions of isoform 1 and isoform 4 are not essential for their catalytic activity.
<b>细胞定位</b>	Nucleus and Cytoplasm. Cytoplasm > perinuclear region. Localizes in the spermatid head in late-elongating spermatids in the thin area between the outer acrosomal membrane and the plasma membrane.

## 图片



ab101609 at 5 µg/ml staining USP2 in Human placenta by Immunohistochemistry Formalin-fixed, Paraffin-embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP2 antibody (ab101609)



ab101609 at 5 µg/ml staining USP2 in Human testis by Immunohistochemistry Formalin-fixed, Paraffin-embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP2 antibody (ab101609)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- 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.cn/abpromise> or contact our technical team.

### **Terms and conditions**

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