

# Anti-USP3 antibody ab80597

[1 References](#) [2 图像](#)

### 概述

产品名称	Anti-USP3抗体
描述	兔多克隆抗体to USP3
宿主	Rabbit
经测试应用	适用于: IHC-P, IP
种属反应性	与反应: Human 预测可用于: Chimpanzee, Gorilla 
免疫原	Synthetic peptide (Human) mapped to a region between residues 471 and 521
阳性对照	IP: HeLa whole cell lysate; IHC: human ovarian carcinoma
常规说明	<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

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7 Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.5% PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

The Abpromise guarantee

**Abpromise™** 承诺保证使用ab80597于以下的经测试应用

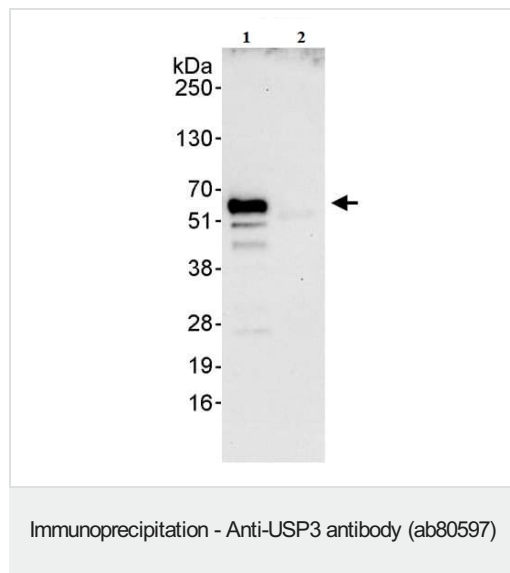
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/1000 - 1/5000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		Use at 2-5 µg/mg of lysate.

## 靶标

功能	Hydrolase that deubiquitinates monoubiquitinated target proteins such as histone H2A and H2B. Required for proper progression through S phase and subsequent mitotic entry. May regulate the DNA damage response (DDR) checkpoint through deubiquitination of H2A at DNA damage sites. Associates with the chromatin.
组织特异性	Expressed in all tissues examined, with strongest expression in pancreas.
序列相似性	Belongs to the peptidase C19 family. USP3 subfamily. Contains 1 UBP-type zinc finger.
结构域	Both protease activity and an intact zinc finger are required for H2A monodeubiquitination.
细胞定位	Nucleus. Localizes preferentially with monoubiquitinated H2A to chromatin.

## 图片



USP3 was immunoprecipitated from HeLa whole cell lysate (1 mg per IP reaction, 20% loaded) with ab80597 at 3 µg per mg lysate.

Western blot was performed on the immunoprecipitate using ab80597 at 1.0 µg/mL.

Lane 1: ab80597 IP in HeLa whole cell lysate.

Lane 2: Control IgG in HeLa whole cell lysate.

Detection: Chemiluminescence with an exposure time of 10 seconds.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling USP3 with ab80597 at 1/1000 (1µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP3 antibody (ab80597)

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

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