

Product datasheet

Anti-USP15 antibody ab71713

4 图像

概述

产品名称	Anti-USP15抗体
描述	兔多克隆抗体to USP15
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Rabbit, Horse, Chicken, Cow, Dog, Turkey, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Xenopus tropicalis ▲
免疫原	A peptide from the region between residue 960 and the C-terminus of human Ubiquitin Specific Peptidase 15 using the numbering given in entry AAD41086.1 (GeneID9958).

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	Preservative: 0.09% Sodium azide Constituents: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab71713** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

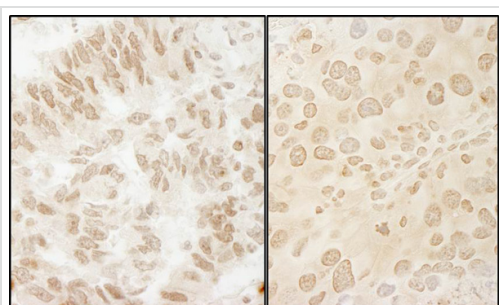
应用	Ab评论	说明
WB		1/1000 - 1/5000. Predicted molecular weight: 112 kDa.
IP		Use at 2-5 µg/mg of lysate.

应用	Ab评论	说明
IHC-P		1/1000 - 1/5000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

## 靶标

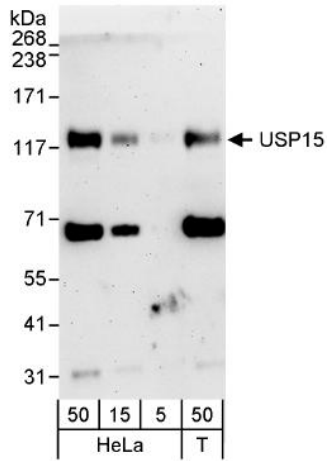
<b>功能</b>	Protease that degrades 'Lys-48'-linked polyubiquitin chains. Protects target proteins against proteasomal degradation. Protects APC and human papillomavirus type 16 protein E6 against degradation via the ubiquitin proteasome pathway.
<b>组织特异性</b>	Expressed in skeletal muscle, kidney, heart, placenta, liver, thymus, lung, and ovary, with little or no expression in other tissues.
<b>序列相似性</b>	Belongs to the peptidase C19 family. Contains 1 DUSP domain.
<b>翻译后修饰</b>	Phosphorylated. Phosphorylation protects against ubiquitination and subsequent degradation by the proteasome. Ubiquitinated, leading to degradation by the proteasome.

## 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lung carcinoma (left) and mouse renal cell carcinoma (right) tissues labelling USP15 with ab71713 at 1/200 (1µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP15 antibody (ab71713)



Western blot - Anti-USP15 antibody (ab71713)

**All lanes :** Anti-USP15 antibody (ab71713) at 0.4  $\mu\text{g/ml}$

**Lane 1 :** HeLa whole cell lysate at 50  $\mu\text{g}$

**Lane 2 :** HeLa whole cell lysate at 15  $\mu\text{g}$

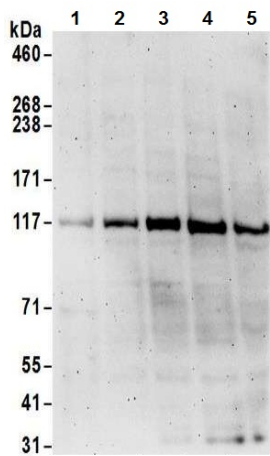
**Lane 3 :** HeLa whole cell lysate at 5  $\mu\text{g}$

**Lane 4 :** 293T whole cell lysate at 50  $\mu\text{g}$

**Predicted band size:** 112 kDa

**Additional bands at:** 65 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 3 minutes



Western blot - Anti-USP15 antibody (ab71713)

**All lanes :** Anti-USP15 antibody (ab71713) at 1  $\mu\text{g/ml}$

**Lane 1 :** NIH3T3 whole cell lysate

**Lane 2 :** TCMK-1 whole cell lysate

**Lane 3 :** 4T1 whole cell lysate

**Lane 4 :** CT26.WT whole cell lysate

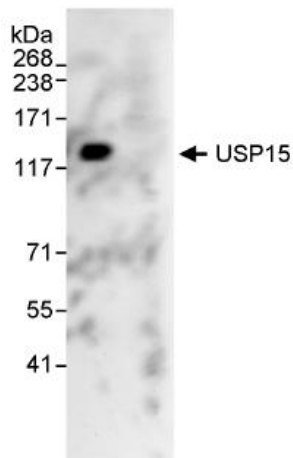
**Lane 5 :** C6 whole cell lysate

Lysates/proteins at 50  $\mu\text{g}$  per lane.

Developed using the ECL technique.

**Predicted band size:** 112 kDa

**Exposure time:** 3 minutes



Immunoprecipitation - Anti-USP15 antibody (ab71713)

USP15 antibody (ab71713) recognizing human USP15 in HeLa whole cell lysate (1 mg, 20% of IP loaded).

Lane 1: USP15 antibody (ab71713) blotted at 1.0  $\mu\text{g/ml}$  and used for IP at 3  $\mu\text{g/mg}$  lysate.

Lane 2: Control IgG

Detection by chemiluminescence with exposure time of 3 minutes.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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