

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: 8mM PBS, 60mM Citrate, 150mM Tris, pH 7-8 |
| 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.

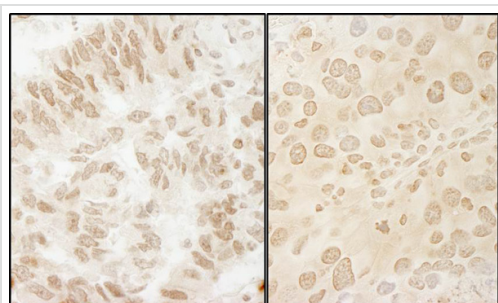
| 应用 | Ab评论 | 说明 |
|----|------|---|
| WB | | 1/1000 - 1/5000. Predicted molecular weight: 112 kDa. |
| IP | | Use at 2-5 µg/mg of lysate. |

| 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

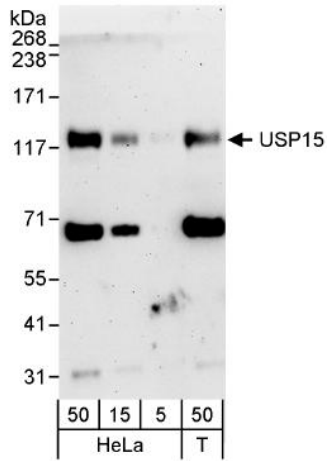
| | |
|--------------|---|
| 功能 | Protease that degrades 'Lys-48'-linked polyubiquitin chains. Protects target proteins against proteasomal degradation. Protects APC and human papillomavirus type 16 protein E6 against degradation via the ubiquitin proteasome pathway. |
| 组织特异性 | Expressed in skeletal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

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

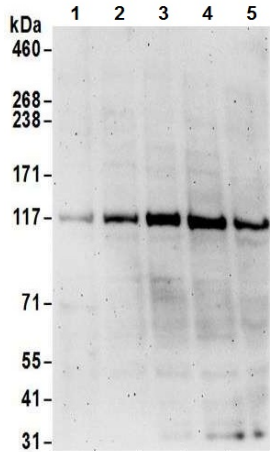
Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

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 µg/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

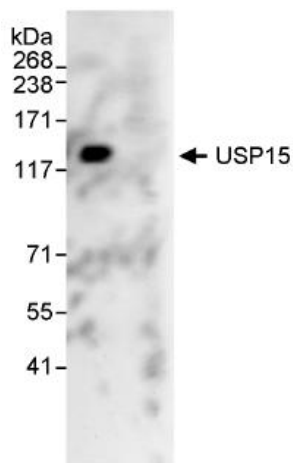
Lane 5 : C6 whole cell lysate

Lysates/proteins at 50 µg 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 $\mu\text{g}/\text{ml}$ and used for IP at 3 $\mu\text{g}/\text{mg}$ lysate.
Lane 2: Control IgG
Detection by chemiluminescence with exposure time of 3 minutes.

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