

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
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.

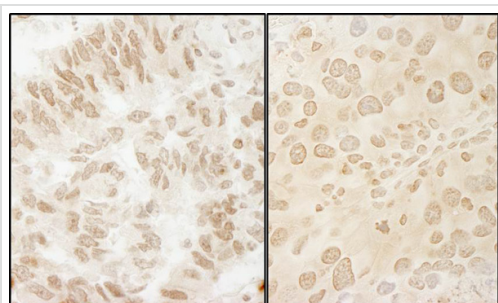
应用	Ab评论	说明
WB		1/1000 - 1/5000. Predicted molecular weight: 112 kDa.
IP		Use at 2-5 µg/mg of lysate.

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

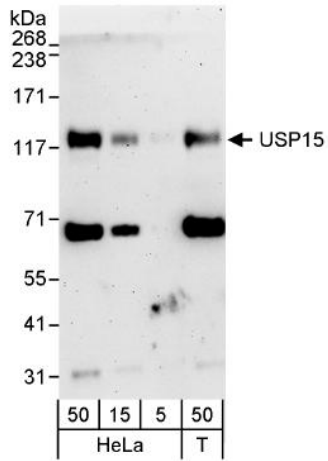
功能	Protease that degrades 'Lys-48'-linked polyubiquitin chains. Protects target proteins against proteasomal degradation. Protects APC and human papillomavirus type 16 protein E6 against degradation via the ubiquitin proteasome pathway.
组织特异性	Expressed in skeletal muscle, kidney, heart, placenta, liver, 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 - 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

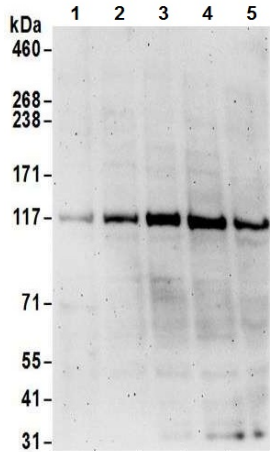
Lane 3 : HeLa whole cell lysate at 5 μg

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

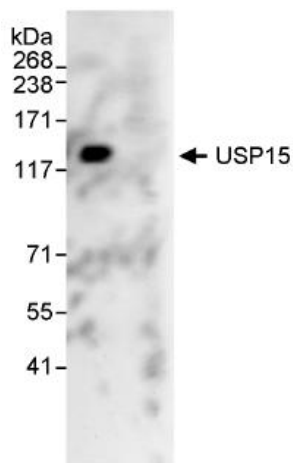
Lane 5 : C6 whole cell lysate

Lysates/proteins at 50 μg per lane.

Developed using the ECL technique

Predicted band size : 112 kDa

Exposure time : 3 minutes



Immunoprecipitation - 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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