

Anti-USP48 antibody ab72226

★★★★★ [6 Abreviews](#) [7 References](#) [3 图像](#)

概述

产品名称	Anti-USP48抗体
描述	兔多克隆抗体to USP48
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB, IP
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Chimpanzee, Zebrafish, Rhesus monkey, Gorilla, Orangutan, Xenopus tropicalis 
免疫原	Synthetic peptide corresponding to a region between residues 985 and 1035 of human USP48 (NP_115612.4).
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&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: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	ab72226 was affinity purified using an epitope specific to USP48 immobilized on solid support.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab72226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
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.
WB	★★★★★ (4)	1/2000 - 1/10000. Detects a band of approximately 145 kDa (predicted molecular weight: 119 kDa).
IP	★★★★★ (1)	Use at 2-5 µg/mg of lysate.

靶标

功能

Recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins. May be involved in the regulation of NF-kappa-B activation by TNF receptor superfamily via its interactions with RELA and TRAF2. May also play a regulatory role at post-synaptic sites.

组织特异性

Widely expressed.

序列相似性

Belongs to the peptidase C19 family.

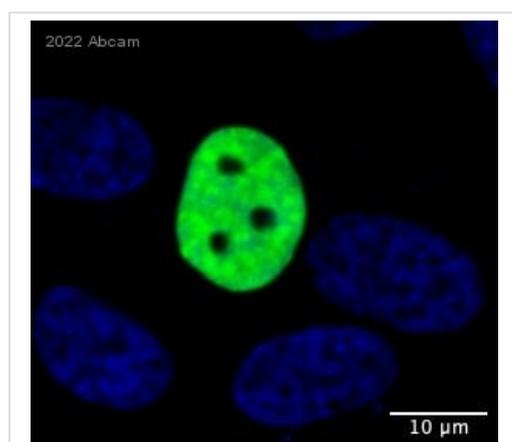
Contains 3 DUSP domains.

Contains 1 ubiquitin-like domain.

细胞定位

Cytoplasm. Nucleus.

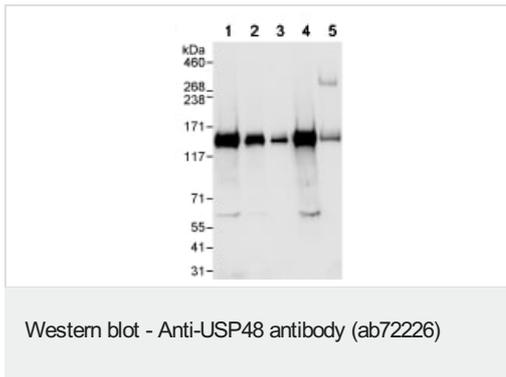
图片



Immunocytochemistry analysis of paraformaldehyde-fixed human ARPE-19 cells permeabilized with 0.5% Triton X-100 for 20 minutes at RT, staining with ab72226 at 1/50 dilution. Secondary antibody was Alexa Fluor™ 488 goat anti-rabbit IgG at 1/300 dilution. Cells were incubated with the primary antibody for 12 hours at 4deg:C. Blocking was done with 3% BSA for 1 hour at 25°C.

Immunocytochemistry - Anti-USP48 antibody
(ab72226)

This image is courtesy of an anonymous Abreview



All lanes : Anti-USP48 antibody (ab72226) at 0.04 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

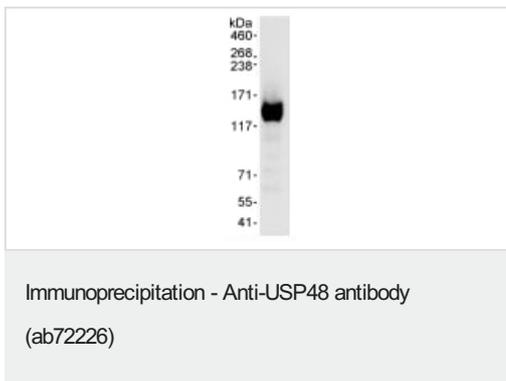
Lane 4 : 293T whole cell lysate at 50 µg

Lane 5 : NIH3T3 whole cell lysate at 50 µg

Predicted band size: 119 kDa

Observed band size: 145 kDa

Exposure time: 3 seconds



Detection of USP48 by Western Blot of Immunoprecipitate.

ab72226 at 1µg/ml staining USP48 in HeLa whole cell lysate

immunoprecipitated using ab72226 at 3µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with exposure time of 1 second.

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