



Anti-USP28 antibody ab188240

1 References **3 图像**

概述

产品名称	Anti-USP28抗体
描述	兔多克隆抗体to USP28
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF, IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment corresponding to Human USP28 aa 1-400. Database link: Q96RU2
	 Run BLAST with  Run BLAST with
阳性对照	U2OS, NIH 3T3 and INS-1 cell lysates.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab188240于以下的经测试应用

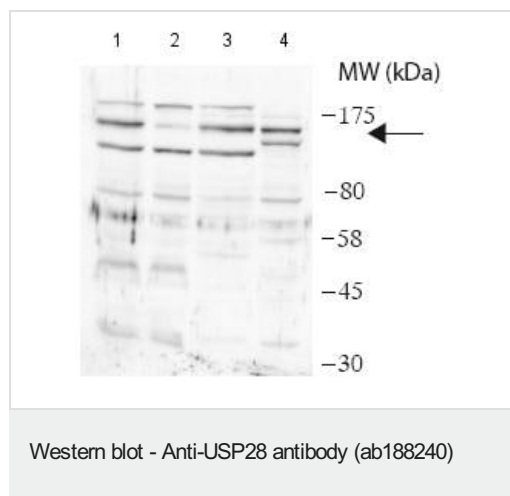
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/2000. Predicted molecular weight: 122 kDa.
ICC/IF		1/2000.
IP		Use at an assay dependent concentration.

靶标

功能	Deubiquitinase involved in DNA damage response checkpoint and MYC proto-oncogene stability. Involved in DNA damage induced apoptosis by specifically deubiquitinating proteins of the DNA damage pathway such as CLSPN. Also involved in G2 DNA damage checkpoint, by deubiquitinating CLSPN, and preventing its degradation by the anaphase promoting complex/cyclosome (APC/C). In contrast, it does not deubiquitinate PLK1. Specifically deubiquitinates MYC in the nucleoplasm, leading to prevent MYC degradation by the proteasome: acts by specifically interacting with isoform 1 of FBXW7 (FBW7alpha) in the nucleoplasm and counteracting ubiquitination of MYC by the SCF(FBW7) complex. In contrast, it does not interact with isoform 4 of FBXW7 (FBW7gamma) in the nucleolus, allowing MYC degradation and explaining the selective MYC degradation in the nucleolus.
序列相似性	Belongs to the peptidase C19 family. USP28 subfamily. Contains 1 UIM (ubiquitin-interacting motif) repeat.
翻译后修饰	Degradaded upon nickel ion level or hypoxia exposure. Phosphorylated upon DNA damage at Ser-67 and Ser-714, by ATM or ATR.
细胞定位	Nucleus > nucleoplasm.

图片



All lanes : Anti-USP28 antibody (ab188240) at 1/2000 dilution

Lane 1 : Lysate from U2OS cells transfected with a control si

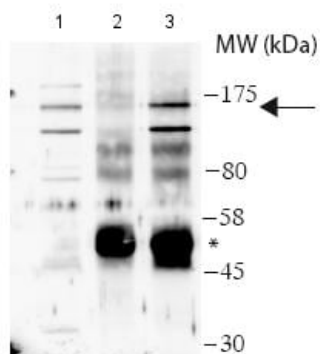
Lane 2 : Lysate from U2OS cells transfected with a USP28 si

Lane 3 : NIH 3T3 cell lysate

Lane 4 : INS-1 cell lysate

Lysates/proteins at 40 µg per lane.

Predicted band size: 122 kDa



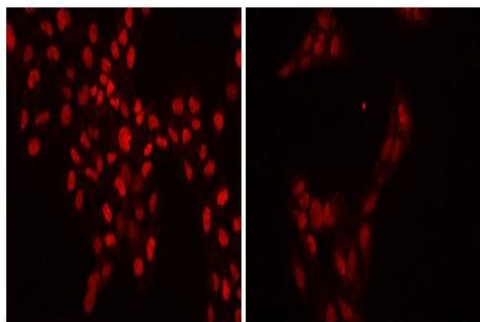
Immunoprecipitation - Anti-USP28 antibody
(ab188240)

Western blot analysis (using ab188240) of immunoprecipitates from U2OS cell extracts

Lane 1: Input

Lane 2: immunoprecipitate with control serum+protein A sepharose.

Lane 3: immunoprecipitate with ab188240 + protein A sepharose.



Immunocytochemistry/ Immunofluorescence - Anti-USP28 antibody (ab188240)

Immunofluorescent analysis of 3% PFA-fixed U2OS cells transfected with either a control si (left) or USP28 si (right) labeling USP28 with ab188240 at 1/2000 dilution.

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