

Anti-DDX17 antibody [2248C2a] ab71958

敲除验证

[2 References](#) [2 图像](#)

概述

产品名称	Anti-DDX17抗体[2248C2a]
描述	小鼠单克隆抗体[2248C2a] to DDX17
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Human, Recombinant fragment
免疫原	Recombinant fragment of human DDX17
阳性对照	Recombinant human DDX17. HEK-293 and HeLa 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 1% BSA, 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride, PBS</p>
纯度	Protein G purified
纯化说明	ab71958 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum and filtered through a 0.22µm membrane.
克隆	单克隆
克隆编号	2248C2a

同种型IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab71958于以下的经测试应用

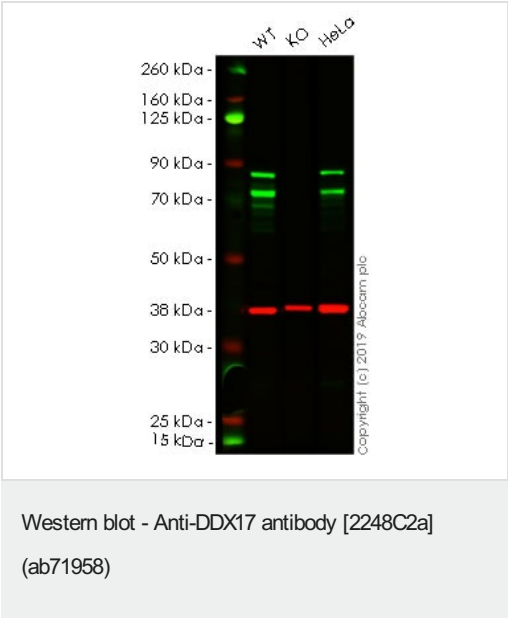
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 33 kDa (predicted molecular weight: 72 kDa).

靶标

功能	RNA-dependent ATPase activity.
组织特异性	Ubiquitous.
序列相似性	Belongs to the DEAD box helicase family. DDX5/DBP2 subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Nucleus.

图片



All lanes : Anti-DDX17 antibody [2248C2a] (ab71958) at 1/1000 dilution

- Lane 1 :** Wild-type HEK-293 whole cell lysate
- Lane 2 :** DDX17 knockout HEK-293 whole cell lysate
- Lane 3 :** HeLa whole cell lysate

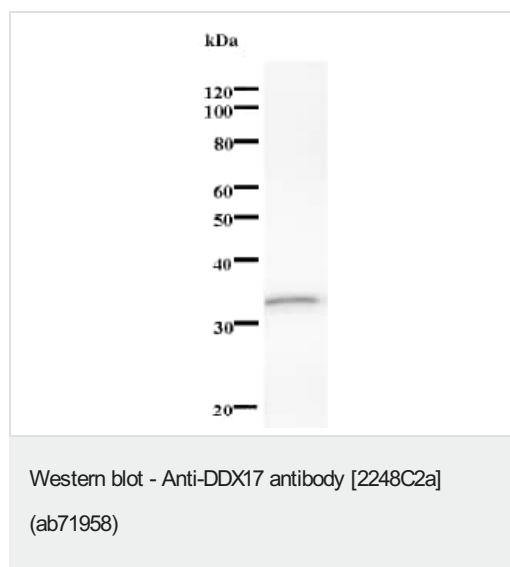
Lysates/proteins at 20 µg per lane.

Predicted band size: 72 kDa

Lanes 1 - 3: Merged signal (red and green). Green - ab71958 observed at 72, 85 kDa. Red - loading control, **ab181602**, observed at 37 kDa.

ab71958 was shown to recognize DDX17 in wild-type HEK-293 cells as signal was lost at the expected MW in DDX17 knockout cells. Additional cross-reactive bands were observed in the wild-

type and knockout cells. Wild-type and DDX17 knockout samples were subjected to SDS-PAGE. Ab71958 and **ab181602** (Rabbit anti-GAPDH loading control) were incubated overnight at 4°C at 1/1000 dilution and 1/20000 dilution respectively. Blots were developed with Goat anti-Mouse IgG H&L (IRDye® 800CW) preabsorbed **ab216772** and Goat anti-Rabbit IgG H&L (IRDye® 680RD) preabsorbed **ab216777** secondary antibodies at 1/20000 dilution for 1 hour at room temperature before imaging.



Anti-DDX17 antibody [2248C2a] (ab71958) + immunising recombinant protein

Predicted band size: 72 kDa

Observed band size: 33 kDa

The molecular weight of the band on the western blot does not correspond to the molecular weight of the natural protein because only a fragment of the protein was used.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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