

# Anti-KDM5A / Jarid1A / RBBP2 antibody ab70892

★★★★★ [5 Abreviews](#) [21 References](#) [4 图像](#)

### 概述

产品名称	Anti-KDM5A / Jarid1A / RBBP2抗体
描述	兔多克隆抗体to KDM5A / Jarid1A / RBBP2
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Horse, Guinea pig, Dog, Gorilla, Chinese hamster, Orangutan 
免疫原	Synthetic peptide corresponding to Human KDM5A/ Jarid1A/ RBBP2 (C terminal). Database link: <a href="#">P29375</a>
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&amp;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. Avoid freeze / thaw cycle.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab70892 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	★★★★☆ (3)	1/2000 - 1/10000. Detects a band of approximately 196 kDa (predicted molecular weight: 196 kDa).
IP	★★★★★ (1)	Use a concentration of 2 - 5 µg/ml.

## 靶标

### 功能

Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3 'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'. May stimulate transcription mediated by nuclear receptors. May be involved in transcriptional regulation of Hox proteins during cell differentiation. May participate in transcriptional repression of cytokines such as CXCL12.

### 序列相似性

Belongs to the JARID1 histone demethylase family.  
Contains 1 ARID domain.  
Contains 1 JmjC domain.  
Contains 1 JmjN domain.  
Contains 3 PHD-type zinc fingers.

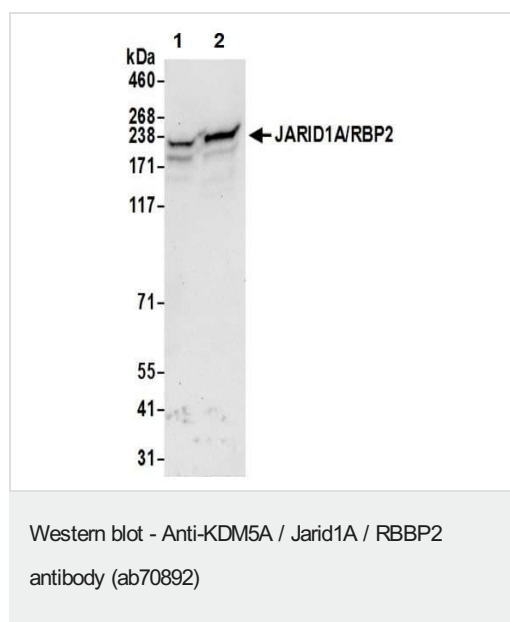
### 结构域

The GSGFP motif is required for the interaction with SUZ12.

### 细胞定位

Nucleus > nucleolus. Occupies promoters of genes involved in RNA metabolism and mitochondrial function.

## 图片

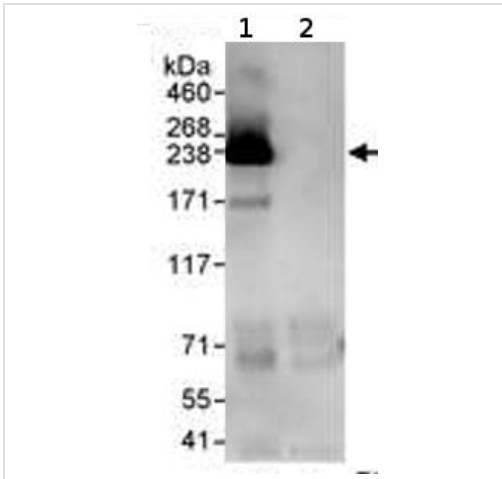


**All lanes :** Anti-KDM5A / Jarid1A / RBBP2 antibody (ab70892) at 1/2000 dilution

**Lane 1 :** TCMK-1 (mouse kidney epithelial cell line) cell lysate

**Lane 2 :** Renca cell lysate

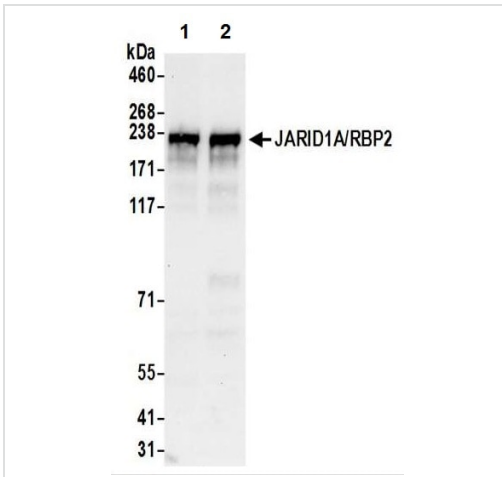
**Predicted band size:** 196 kDa



Immunoprecipitation - Anti-KDM5A / Jarid1A / RBBP2 antibody (ab70892)

HeLa whole cell lysate (at 1 mg for IP, 20% of IP loaded), with ab70892 at 1 µg/ml for WB, after IP at 3 µg/mg lysate.

Detection: Chemiluminescence with an exposure time of 10 seconds.



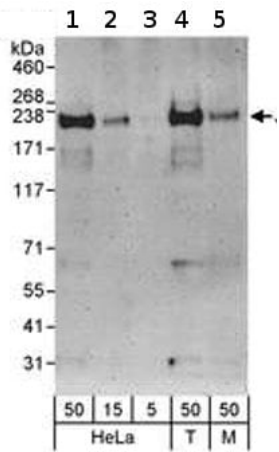
Western blot - Anti-KDM5A / Jarid1A / RBBP2 antibody (ab70892)

**All lanes :** Anti-KDM5A / Jarid1A / RBBP2 antibody (ab70892) at 1/2000 dilution

**Lane 1 :** HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

**Lane 2 :** HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate

**Predicted band size:** 196 kDa



Western blot - Anti-KDM5A / Jarid1A / RBBP2 antibody (ab70892)

**All lanes :** Anti-KDM5A / Jarid1A / RBBP2 antibody (ab70892) 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

Developed using the ECL technique.

**Predicted band size:** 196 kDa

**Observed band size:** 196 kDa

**Exposure time:** 3 minutes

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

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