


Anti-KDM5C / Jarid1C / SMCX antibody ab72152

[1 References](#) [2 图像](#)

概述

产品名称	Anti-KDM5C / Jarid1C / SMCX抗体
描述	兔多克隆抗体to KDM5C / Jarid1C / SMCX
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: Horse, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
免疫原	Synthetic peptide corresponding to Human KDM5C/ Jarid1C/ SMCX aa 275-325. Database link: P41229
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
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab72152于以下的经测试应用

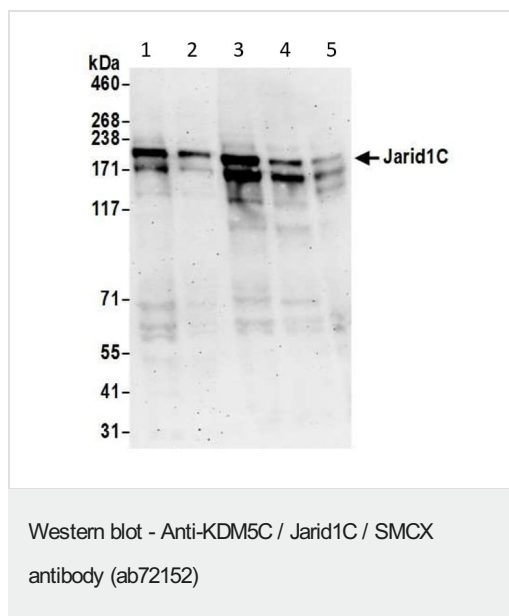
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/2000 - 1/10000. Detects a band of approximately 200 kDa (predicted molecular weight: 176 kDa).
IP		Use at 2 µg/mg of lysate.

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'. Participates in transcriptional repression of neuronal genes by recruiting histone deacetylases and REST at neuron-restrictive silencer elements.
组织特异性	Expressed in all tissues examined. Highest levels found in brain and skeletal muscle.
疾病相关	Defects in KDM5C are the cause of mental retardation syndromic X-linked JARID1C-related (MRXSJ) [MIM:300534]. MRXSJ is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. MRXSJ patients manifest mental retardation associated with variable features such as slowly progressive spastic paraplegia, seizures, facial dysmorphism.
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 2 PHD-type zinc fingers.
结构域	The first PHD-type zinc finger domain recognizes and binds H3-K9Me3. Both the JmjC domain and the JmjN domain are required for enzymatic activity.
细胞定位	Nucleus.

图片



All lanes : Anti-KDM5C / Jarid1C / SMCX antibody (ab72152) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

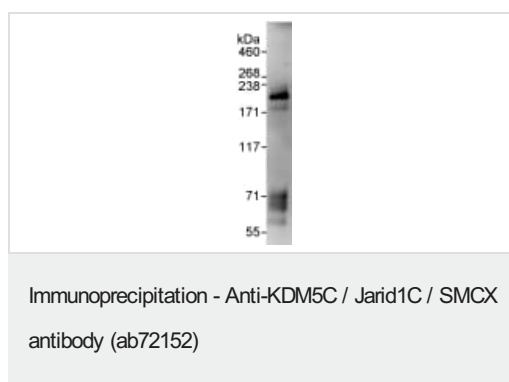
Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HEK293T whole cell lysate at 50 µg

Lane 4 : Jurkat whole cell lysate at 50 µg

Lane 5 : NIH 3T3 whole cell lysate at 50 µg

Predicted band size: 176 kDa



Detection of Human KDM5C / Jarid1C / SMCX by Immunoprecipitation in Whole cell lysate from HeLa cells (1 mg/IP, 20% of IP loaded) using ab72152 at 3 µg/mg lysate for IP and at 0.1 µg/ml for subsequent WB detection. Note: bands between 55 and 71 kDa represent the IgG chains.

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

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