

Anti-KMT4 / Dot1L antibody ab72454

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概述

产品名称	Anti-KMT4 / Dot1L抗体
描述	兔多克隆抗体to KMT4 / Dot1L
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human KMT4/ Dot1L aa 1000-1100. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: Q8TEK3
阳性对照	WB: HeLa whole cell lysate. IP: HeLa whole cell lysate. IHC-P: Human lung carcinoma tissue.
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ab72454于以下的经测试应用

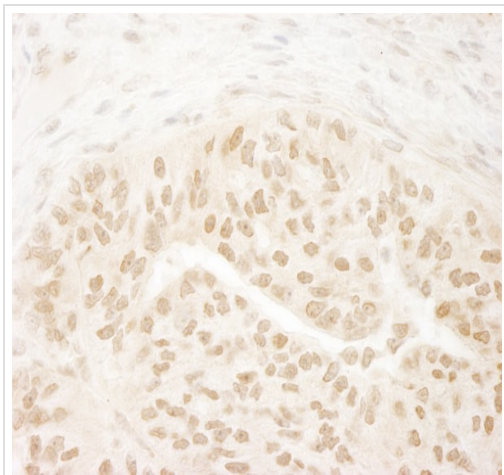
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/200 - 1/1000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/2000 - 1/10000. Detects a band of approximately 185 kDa (predicted molecular weight: 185 kDa).
IP		Use at 2-5 µg/mg of lysate.

靶标

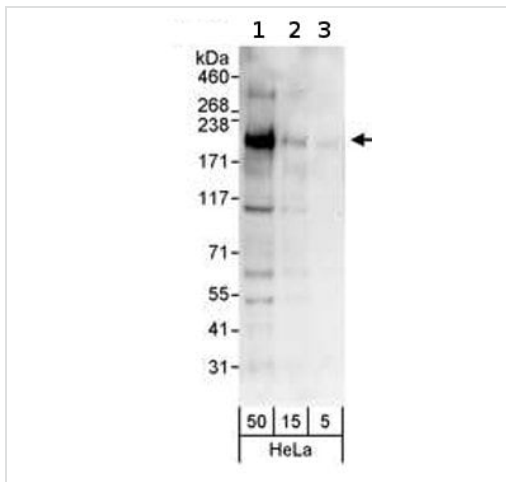
功能	Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as substrate compared to free histones. Binds to DNA.
序列相似性	Belongs to the class I-like SAM-binding methyltransferase superfamily. DOT1 family. Contains 1 DOT1 domain.
细胞定位	Nucleus.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lung carcinoma tissue labelling KMT4 / Dot1L with ab72454 at 1/200 (1µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KMT4 / Dot1L antibody (ab72454)



Western blot - Anti-KMT4 / Dot1L antibody (ab72454)

All lanes : Anti-KMT4 / Dot1L antibody (ab72454) 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

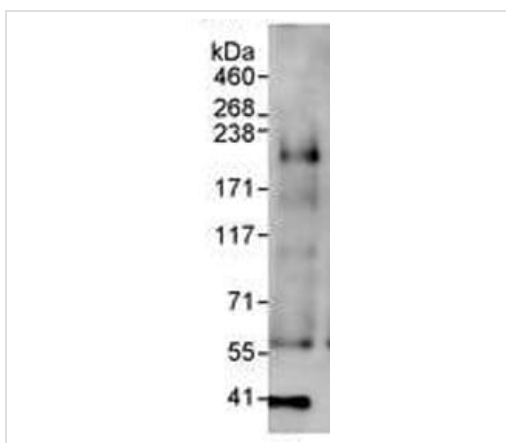
Developed using the ECL technique.

Predicted band size: 185 kDa

Observed band size: 185 kDa

Additional bands at: 100 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 3 minutes



Immunoprecipitation - Anti-KMT4 / Dot1L antibody (ab72454)

HeLa whole cell lysate (1 mg for IP, 20% of IP loaded) with ab72454 at 3 µg/mg lysate for IP, followed by ab72454 at 1 µg/ml for WB.

Detection: Chemiluminescence with an exposure time of 10 seconds.

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

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