


Anti-MED13L antibody ab87831

1 References **3 图像**

概述

产品名称	Anti-MED13L 抗体
描述	兔多克隆抗体 to MED13L
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Human 预测可用于: Rat, Rabbit, Horse, Guinea pig, Dog, Chimpanzee, Ferret, Rhesus monkey, Orangutan, Elephant 
免疫原	Synthetic peptide within Human MED13L aa 550-600. The exact sequence is proprietary. (GeneID 23389). Database link: NP_056150.1
阳性对照	Whole cell lysate from HeLa cells
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: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
纯度	Immunogen affinity purified
纯化说明	Antibody was affinity purified using an epitope specific to MED13L immobilized on solid support.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee Abpromise™ 承诺保证使用ab87831于以下的经测试应用

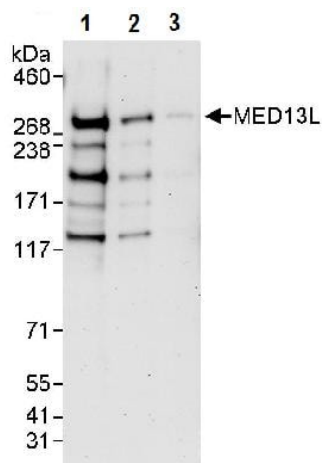
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/2000 - 1/10000. Predicted molecular weight: 243 kDa.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. This subunit may specifically regulate transcription of targets of the Wnt signaling pathway and SHH signaling pathway.
组织特异性	Highly expressed in brain (cerebellum), heart (aorta), skeletal muscle, kidney, placenta and peripheral blood leukocytes. Highly expressed in fetal brain.
疾病相关	Defects in MED13L are a cause of transposition of the great arteries, dextro-looped (DTGA) [MIM:608808]. DTGA consists of complete inversion of the great vessels, so that the aorta incorrectly arises from the right ventricle and the pulmonary artery incorrectly arises from the left ventricle. This creates completely separate pulmonary and systemic circulatory systems, an arrangement that is incompatible with life. Patients often have atrial and/or ventricular septal defects or other types of shunting that allow some mixing between the circulations in order to support life minimally, but surgical intervention is always required. Note=A chromosomal aberration involving MED13L is found in a patient with transposition of the great arteries, dextro-looped and mental retardation. Translocation t(12;17)(q24.1;q21).
序列相似性	Belongs to the Mediator complex subunit 13 family.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Nucleus.

图片



Western blot - Anti-MED13L antibody (ab87831)

All lanes : Anti-MED13L antibody (ab87831) at 0.1 $\mu\text{g/ml}$

Lane 1 : HeLa whole cell lysate at 50 $\mu\text{g/ml}$

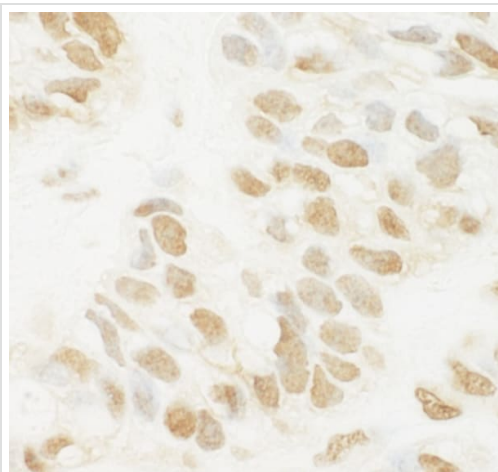
Lane 2 : HeLa whole cell lysate at 15 $\mu\text{g/ml}$

Lane 3 : HeLa whole cell lysate at 5 $\mu\text{g/ml}$

Developed using the ECL technique.

Predicted band size: 243 kDa

Exposure time: 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MED13L antibody (ab87831)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma tissue labelling MED13L with ab87831 at 1/1000 (1 $\mu\text{g/ml}$). Detection: DAB.



Immunoprecipitation - Anti-MED13L antibody
(ab87831)

Detection of MED13L by Immunoprecipitation in whole cell lysate from HeLa cells (1 mg for IP, 20% of IP loaded), using ab87831 at 3 µg/mg lysate for IP and at 1 µg/ml for subsequent WB detection. Chemiluminescence with an exposure time of 30 seconds.

Lane 1 : Anti-MED13L antibody (ab87831) at 1 µg/ml ((and used for IP at 3ug/mg lysate))

Lane 2 : Anti-MED13L antibody (ab87831) at 1 µg/ml (For IP: Rabbit anti-MED13L antibody only (which recognizes a downstream epitope))

Lane 3 : Anti-MED13L antibody (ab87831) at 1 µg/ml (For IP: Control IgG only)

Lane 1 : For WB: HeLa whole cell lysate at 50ug. For IP: HeLa whole cell lysate (1mg for IP, 20% of IP loaded)

Lane 2 : For WB: HeLa whole cell lysate at 15ug. For IP: HeLa whole cell lysate (1mg for IP, 20% of IP loaded)

Lane 3 : For WB: HeLa whole cell lysate at 5ug. For IP: HeLa whole cell lysate (1mg for IP, 20% of IP loaded)

Developed using the ECL technique.

Exposure time: 30 seconds

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