


Anti-MED12 antibody ab70842

★★★★★ [3 Abreviews](#) [11 References](#) [3 图像](#)

概述	
产品名称	Anti-MED12抗体
描述	兔多克隆抗体to MED12
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P, IP, WB
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Orangutan 
免疫原	Synthetic peptide corresponding to Human MED12 aa 2150-2177 (C terminal). Immunogen derived form sequence corresponding to amino acids 2150 - C-terminus.
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 Constituents: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
应用	

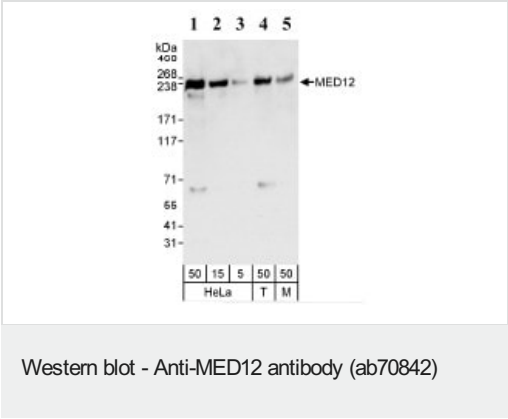
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		Use at 2-5 µg/mg of lysate.
WB	★★★★★ (2)	1/2000 - 1/10000. Predicted molecular weight: 227 kDa.

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	Ubiquitous.
疾病相关	Defects in MED12 are the cause of Opitz-Kaveggia syndrome (OKS) [MIM:305450]; also known as FG syndrome type 1 (FGS1) or FG syndrome (FGS). OKS is an X-linked disorder characterized by mental retardation, relative macrocephaly, hypotonia and constipation. Defects in MED12 are the cause of Lujan-Fryns syndrome (LUJFRYS) [MIM:309520]; also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome can be distinguished from Opitz-Kaveggia syndrome by tall stature, hypernasal voice, hyperextensible digits and high nasal root.
序列相似性	Belongs to the Mediator complex subunit 12 family.
细胞定位	Nucleus.

图片



All lanes : Anti-MED12 antibody (ab70842) at 0.1 µg/ml

Lane 1 : Whole cell lysate from HeLa cells at 50 µg

Lane 2 : Whole cell lysate from HeLa cells at 15 µg

Lane 3 : Whole cell lysate from HeLa cells at 5 µg

Lane 4 : Whole cell lysate from 293T cells at 50 µg

Lane 5 : Whole cell lysate from NIH 3T3 cells at 50 µg

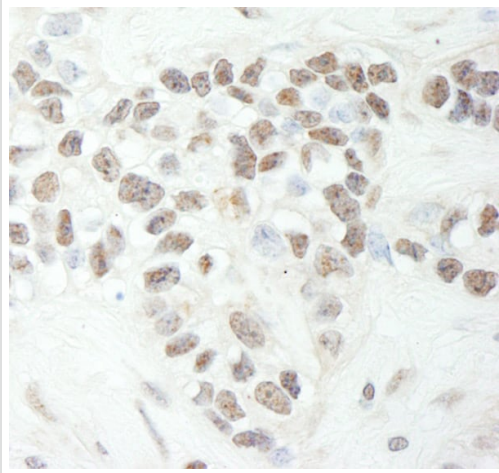
Developed using the ECL technique.

Predicted band size: 227 kDa

Observed band size: 238 kDa

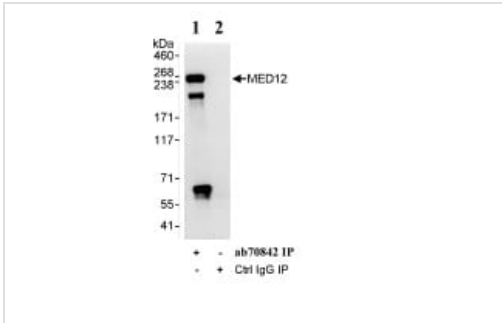
Additional bands at: 65 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MED12 antibody (ab70842)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma tissue labelling MED12 with ab70842 at 1/1000 (1 µg/ml). Detection: DAB.



Immunoprecipitation - Anti-MED12 antibody (ab70842)

Detection of Human MED12 by Immunoprecipitation using Whole cell lysate from HeLa cells (1 mg for IP, 20% of IP loaded), using ab70842 for IP at 3 µg/mg lysate. Subsequent WB detection was performed using ab70842 at 1 µg/ml.

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