abcam

Product datasheet

Anti-PEG10/EDR antibody ab68780

2 图像

概述

产品名称	Anti-PEG10/EDR抗体
描述	**小鼠多克隆抗体**to PEG10/EDR
宿主	Mouse
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
免疫原	Recombinant full length protein within Human PEG10/EDR. 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: **NP_001035242.1**
阳性对照	Human stomach tissue lysate, PEG10/EDR transfected 293T cell lysate.
常规说明	This product was previously labelled as PEG10

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.

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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Constituent: PBS
纯度	Protein A purified
克隆	**多克隆**

同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab68780于以下的经测试应用

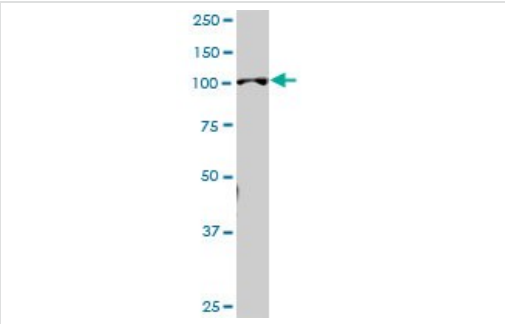
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 42, 100 kDa (predicted molecular weight: 37 kDa).

靶标

功能	Prevents apoptosis in hepatocellular carcinoma (HCC) cells through interaction with SIAH1, a mediator of apoptosis. May also have a role in cell growth promotion and hepatoma formation. Inhibits the TGF-beta signaling by interacting with the TGF-beta receptor ALK1. When overexpressed, induces the formation of cellular extension, such as filipodia in association with ALK1. Involved at the immediate early stage of adipocyte differentiation (By similarity). May bind to the 5'-GCCTGTCTTT-3' DNA sequence of the MB1 domain in the myelin basic protein (MBP) promoter.
组织特异性	Expressed in the cytotrophoblast layer but not in the overlying syncytiotrophoblast of the placenta. Expressed in prostate and breast carcinomas but not in normal breast and prostate epithelial cells. Expressed in the HepG2 cell line (at protein level). Expressed in brain, liver, spleen, kidney, thymus, lung, ovary, testis, reactive lymph node, skeletal muscle, adipose tissue and placenta. Expressed in pancreatic and hepatocellular carcinomas (HCC).
序列相似性	Contains 1 CCHC-type zinc finger.
发展阶段	Expressed in placenta during the first trimester of gestation (at protein level). In placenta, down-regulated at early hypoxic phase, and highly activated at 11-12 week of gestation.
翻译后修饰	Isoform RF1/RF2 undergoes proteolytic cleavage.
细胞定位	Nucleus. Cytoplasm. Detected predominantly in the cytoplasm of breast and prostate carcinomas, in hepatocellular carcinoma (HCC) and B-cell chronic lymphocytic leukemia (B-CLL) cells and in the HepG2 cell line. Colocalized with ALK1.

图片

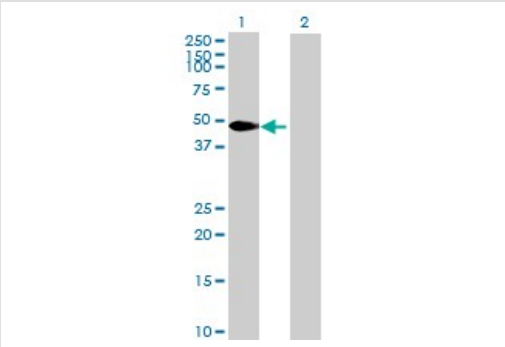


Western blot - Anti-PEG10/EDR antibody (ab68780)

Anti-PEG10/EDR antibody (ab68780) at 1/500 dilution + Human stomach tissue lysate at 50 µg

Secondary
Goat Anti-Mouse IgG (H&L)-HRP Conjugate
at 1/2500 dilution

Predicted band size: 37 kDa
Observed band size: 100 kDa



Western blot - Anti-PEG10/EDR antibody (ab68780)

All lanes : Anti-PEG10/EDR antibody (ab68780) at 1/500 dilution

Lane 1 : PEG10/EDR transfected 293T cell lysate
Lane 2 : Non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary
Lane 1 : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution
Lane 2 : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 37 kDa
Observed band size: 42 kDa

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

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