abcam

Product datasheet

Anti-Menin antibody ab11894

1 图像

概述

产品名称	Anti-Menin抗体
描述	兔多克隆抗体to Menin
宿主	Rabbit
经测试应用	**适用于:** WB, IP
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat, Chimpanzee, Gorilla, Orangutan
免疫原	Immunogen was a synthetic peptide, which represented a portion of human menin encoded within exon 11 (MEN1, LocusLink ID 4221).
常规说明	Centrifuge microtube to remove product from lid.

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	Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
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ab11894于以下的经测试应用**

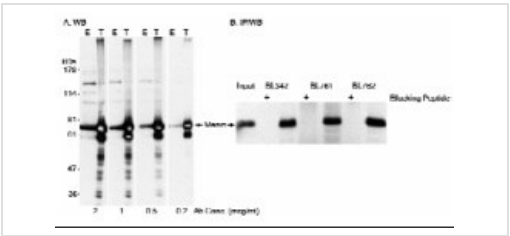
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/5000. Detects a band of approximately 70 kDa (predicted molecular weight: 68 kDa).
IP		Use a concentration of 2 - 10 µg/ml.

靶标

功能	Essential component of a MLL/SET1 histone methyltransferase (HMT) complex, a complex that specifically methylates 'Lys-4' of histone H3 (H3K4). Functions as a transcriptional regulator. Binds to the TERT promoter and represses telomerase expression. Plays a role in TGFB1-mediated inhibition of cell-proliferation, possibly regulating SMAD3 transcriptional activity. Represses JUND-mediated transcriptional activation on AP1 sites, as well as that mediated by NFKB subunit RELA. Positively regulates HOXC8 and HOXC6 gene expression. May be involved in normal hematopoiesis through the activation of HOXA9 expression (By similarity). May be involved in DNA repair.
组织特异性	Ubiquitous.
疾病相关	Defects in MEN1 are the cause of familial multiple endocrine neoplasia type I (MEN1) [MIM:131100]. Autosomal dominant disorder characterized by tumors of the parathyroid glands, gastro-intestinal endocrine tissue, the anterior pituitary and other tissues. Cutaneous lesions and nervous-tissue tumors can exist. Prognosis in MEN1 patients is related to hormonal hypersecretion by tumors, such as hypergastrinemia causing severe peptic ulcer disease (Zollinger-Ellison syndrome, ZES), primary hyperparathyroidism, and acute forms of hyperinsulinemia. Defects in MEN1 are the cause of familial isolated hyperparathyroidism (FIHP) [MIM:145000]; also known as hyperparathyroidism type 1 (HRPT1). FIHP is an autosomal dominant disorder characterized by hypercalcemia, elevated parathyroid hormone (PTH) levels, and uniglandular or multiglandular parathyroid tumors.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Nucleus. Concentrated in nuclear body-like structures. Relocates to the nuclear matrix upon gamma irradiation.

图片



Western blot - Anti-Menin antibody (ab11894)

Detection of Human Menin by Western Blot and Immunoprecipitation. Samples: A. Whole cell lysate (40 mcg - E; 10 mcg - T) from 293T cells untreated (E) or transfected with a Menin expression construct (T). Antibodies: A. ab11894 used at the indicated concentrations for WB. B. Affinity purified rabbit anti-Menin antibodies **ab2605** (5 mcg/plate), **ab11893** (10 mcg/plate) and ab11894 (10 mcg/plate) for IP. Immunoprecipitated Menin was detected using **ab2605** at 0.1 mcg/ml. Detection: Chemiluminescence with exposure times of 1 minute (A) or 1 second (B).

Detection of Human Menin by Western Blot and Immunoprecipitation. Samples: A. Whole cell lysate (40 mcg - E; 10 mcg - T) from 293T cells untreated (E) or transfected with a Menin expression construct (T). Antibodies: A. ab11894 used at the indicated concentrations for WB. B. Affinity purified rabbit anti-Menin antibodies **ab2605** (5 mcg/plate), **ab11893** (10 mcg/plate)

and ab11894 (10 mcg/plate) for IP. Immunoprecipitated

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors