abcam

Product datasheet

Anti-Menin antibody ab103561

1 References 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:** IHC-P
种属反应性	**与反应:** Mouse, Human **预测可用于:** Rat, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Baboon, Rhesus monkey, Gorilla, Orangutan
免疫原	Synthetic peptide, corresponding to a region within C terminal amino acids 575-615 of Human Menin (NP_000235.2).
阳性对照	Human prostate carcinoma tissue.

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: 0.09% 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

Our Abpromise guarantee covers the use of **ab103561** in the following tested applications.

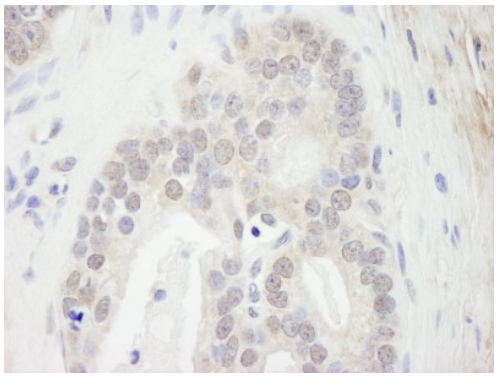
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P		1/100 - 1/500.

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Menin antibody (ab103561)

ab103561, at 1/250 dilution, staining Menin in formalin-fixed, paraffin-embedded Human prostate carcinoma tissue by Immunohistochemistry using DAB staining.

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