

锌指蛋白 828 抗体

产品货号： mlR9607

英文名称： ZNF828

中文名称： 锌指蛋白 828 抗体

别名： chromosome 13 open reading frame 8; zinc finger protein 828; FLJ90413; KIAA1802; Zinc finger protein KIAA1802; CHAP1_HUMAN.

研究领域： 肿瘤 转录调节因子 锌指蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：89kDa

细胞定位：细胞核 细胞浆

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human ZNF828/C13orf8:621-720/812

亚型：IgG

纯化方法：affinity purified by Protein A

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed：PubMed

产品介绍： Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZNF828, is a 812 amino acid protein that contains one C2H2-type zinc finger and is localized to the cytoplasm and the nucleus. The gene encoding ZNF828 maps to chromosome 13. Comprising nearly 4% of the human genome, chromosome 13 contains around 114 million base pairs and encodes over 400 genes. Chromosome 13 houses key tumor suppressor genes, including BRCA2 and RB1, which are associated with breast cancer susceptibility and retinoblastoma, respectively. Trisomy 13, also known as Patau syndrome, is deadly and the few who survive past one year suffer from permanent neurologic defects, difficulty eating and vulnerability to serious respiratory infections.

Function:

Required for proper alignment of chromosomes at metaphase and their accurate segregation during mitosis. Involved in the maintenance of spindle microtubules attachment to the kinetochore during sister chromatid biorientation. May recruit CENPE and CENPF to the kinetochore.

Subunit:

Interacts with MAD2L2. Interacts with POGZ, CBX1, CBX3 and CBX5.

Subcellular Location:

Nucleus. Chromosome. Chromosome, centromere, kinetochore. Cytoplasm, cytoskeleton, spindle.

Post-translational modifications:

Phosphorylated by CDK1. Mitotic phosphorylation is required for the attachment of spindle microtubules to the kinetochore.

Similarity:

Contains 1 C2H2-type zinc finger.

SWISS:

Q96JM3

Gene ID:

283489

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

