

三磷酸腺苷酶家族蛋白 2 抗体

产品货号： mlR9110

英文名称： ATAD2

中文名称： 三磷酸腺苷酶家族蛋白 2 抗体

别 名： AAA nuclear coregulator cancer-associated protein; ANCCA; Atad2; ATAD2_HUMAN; ATPase family AAA domain containing 2; ATPase family AAA domain containing protein 2; ATPase family AAA domain-containing protein 2.

研究领域： 肿瘤 细胞生物 免疫学 信号转导 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Horse, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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： 158kDa

细胞定位： 细胞核

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human ATAD2:1001-1300/1390

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： May be a transcriptional coactivator of the nuclear receptor ESR1 required to induce the expression of a subset of estradiol target genes, such as CCND1, MYC and E2F1. May play a role in the recruitment or occupancy of CREBBP at some ESR1 target gene promoters. May be required for histone hyperacetylation. Involved in the estrogen-induced cell proliferation and cell cycle progression of breast cancer cells.

Function:

May be a transcriptional coactivator of the nuclear receptor ESR1 required to induce the expression of a subset of estradiol target genes, such as CCND1, MYC and E2F1. May play a role in the recruitment or occupancy of CREBBP at some ESR1 target gene promoters. May be required for histone hyperacetylation. Involved in the estrogen-induced cell proliferation and cell cycle progression of breast cancer cells.

Subunit:

Interacts with ESR1 and NCOA3 and these interactions are enhanced by estradiol. Interacts with acetylated lysine residues on histone H1.4, H2A, H2B and H3 (in vitro).

Subcellular Location:

Nucleus

Tissue Specificity:

Highly expressed in estrogen receptor positive breast tumors and in osteosarcoma tumors.

Similarity:

Belongs to the AAA ATPase family.

Contains 1 bromo domain.

SWISS:

Q6PL18

Gene ID:

29028

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

