

磷酸化环磷酸腺苷反应元件调节蛋白抗体

产品货号 : mlR4066

英文名称 : phospho-CREM (Ser271 +Ser 274)

中文名称 : 磷酸化环磷酸腺苷反应元件调节蛋白抗体

别名 : CREM (phospho S271 + S274); p-CREM (phospho S271 + S274); cAMP response element modulator; cAMP responsive element modulator; hCREM 2; hCREM2; ICER; Inducible cAMP early repressor; Inducible cAMP early repressor ICER; MGC111110; MGC17881; MGC41893.

产品类型 : 磷酸化抗体

研究领域 : 肿瘤 细胞生物 免疫学 转录调节因子 激酶和磷酸酶 结合蛋白

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Chicken, Pig, Horse,

产品应用 : WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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：37kDa

细胞定位：细胞核

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated Synthesised phosphopeptide derived from human CREM around the phosphorylation site of Ser271 +Ser 274:AA(p-S)PG(p-S)LH

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 background:

CREM is a bZIP transcription factor that binds to the cAMP responsive element found in many viral and cellular promoters. It is derived from a multiexonic gene that encodes both activators and antagonists of cAMP-inducible transcription by differential splicing. Splice variants with antagonistic function lack 2 glutamine-rich domains and block cAMP-induced transcription, whereas an isoform that includes these glutamine-rich domains is a transcriptional activator.

Function:

Transcriptional regulator that binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters. Isoforms are either transcriptional activators or repressors. Plays a role in spermatogenesis and is involved in spermatid maturation.

Subunit:

Binds DNA as a dimer. Interacts with FHL5. Interacts with CDC34.

Subcellular Location:

Nucleus.

Tissue Specificity:

Expressed in testes (round spermatids) (at protein level). Isoform 14 is the major activator form in testes.

Post-translational modifications:

Isoform 9 is ubiquitinated by CDC34 and RAD6B in order to be degraded by the proteasome.

Stimulated by phosphorylation.

Similarity:

Belongs to the bZIP family.

Contains 1 bZIP domain.

Contains 1 KID (kinase-inducible) domain.

SWISS:

Q03060

Gene ID:

1390

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



