

等上游刺激因子 1 抗体

产品货号： mlR1403

英文名称： USF-1

中文名称： 等上游刺激因子 1 抗体

别名： bHLHb11; USF1; USF 1; Class B basic helix-loop-helix protein 11; FCHL 1; FCHL; FCHL1; HGNC:12593; HYPLIP 1; HYPLIP1; Major late transcription factor 1; Major late transcription factor; MLTF; MLTF I; MLTFI; Transcription factor USF-1; UEF; Upstream stimulatory factor 1; Upstream transcription factor 1; Upstream transcription factor 1, isoform CRA_a; USF; USF1_HUMAN.

研究领域： 心血管

抗体来源： Rabbit

克隆类型： Polyclonal

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

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： 34kDa

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 USF-1:165-310/310

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 : This gene encodes a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs. This gene has been linked to familial combined hyperlipidemia (FCHL). Two transcript variants encoding distinct isoforms have been identified for this gene. Alternate Names: upstream stimulatory factor 1; transcription factor USF-1; bHLHb11; Upstream stimulatory factor 1; Major late transcription factor 1.

Function:

Transcription factor that binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') that is found in a variety of viral and cellular promoters.

Subunit:

Efficient DNA binding requires dimerization with another bHLH protein. Binds DNA as a homodimer or a heterodimer (USF1/USF2). Interacts with varicella-zoster virus IE62 protein.

Subcellular Location:

Nucleus.

DISEASE:

Hyperlipidemia combined 1 (HYPLIP1) [MIM:602491]: A disorder characterized by a variable pattern of elevated levels of serum total cholesterol, triglycerides or both. It is observed in a percentage of individuals with premature coronary heart disease. Note=Disease susceptibility is associated with variations affecting the gene represented in this entry.

Similarity:

Contains 1 bHLH (basic helix-loop-helix) domain.

SWISS:

P22415

Gene ID:

7391

Important Note:

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