

RNA 聚合酶 II 相关因子 PAF49 抗体

产品货号： mIR21002

英文名称： PAF49

中文名称： RNA 聚合酶 II 相关因子 PAF49 抗体

别名： A34.5; Anti sense to ERCC 1 protein; Antisense to ERCC-1 protein; ASE 1; ASE-1; ASE1; CAST; CD3 epsilon associated protein; CD3-epsilon-associated protein; CD3E antigen, epsilon polypeptide associated protein; CD3E associated protein; CD3e molecule, epsilon associated protein; CD3E-associated protein; CD3EAP; DNA directed RNA polymerase I subunit RPA34; DNA-directed RNA polymerase I subunit RPA34; MGC118851; PAF 49; RNA polymerase I associated factor PAF49; RNA polymerase I-associated factor PAF49; RPA34_HUMAN.

研究领域： 细胞生物 转录调节因子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 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： 55kDa

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 PAF49:411-510/510

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 : CD3EAP (CD3e Molecule Associated Protein) is a Protein Coding gene. Among its related pathways are RNA Polymerase I Promoter Escape and Activated PKN1 stimulates transcription of AR (androgen receptor) regulated genes KLK2 and KLK3. GO annotations related to this gene include poly(A) RNA binding and DNA-directed 5-3 RNA polymerase activity.

Function:

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors.

Isoform 1 is involved in UBTF-activated transcription, presumably at a step following PIC formation. Isoform 2 has been described as a component of preformed T-cell receptor (TCR) complex.

Subcellular Location:

Nucleus > nucleolus. Chromosome. Found at the fibrillar centers of the nucleolus in interphase and during cell division it is localized to the nucleolus organizer regions of the chromosomes.

Post-translational modifications:

Isoform 2 undergoes tyrosine phosphorylation upon T-cell receptor (TCR) stimulation. This phosphorylation has not been confirmed by other group.

Isoform 1 is phosphorylated on tyrosine residues in initiation-competent Pol I-beta complexes but not in Pol I-alpha complexes.

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Belongs to the eukaryotic RPA34 RNA polymerase subunit family.

SWISS:

O15446

Gene ID:

10849

Important Note:

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