

着丝粒蛋白 S 抗体

产品货号： mIR18928

英文名称： MHF1/CENPS

中文名称： 着丝粒蛋白 S 抗体

别 名： APITD1; Apoptosis-inducing TAF9-like domain-containing protein 1; apoptosis-inducing, TAF9-like domain 1; CENP-S; CENP S; CENPS_HUMAN; Centromere protein S; FAAP16; FANCM-interacting histone fold protein 1; Fanconi anemia-associated polypeptide of 16 kDa; MGC32686; MHF 1.

研究领域： 细胞生物 免疫学 细胞周期蛋白 结合蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

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： 16kDa

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 MHF1/CENPS:61-138/138

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 locus represents naturally occurring read-through transcription between the neighboring APITD1 (apoptosis-inducing, TAF9-like domain 1) and CORT (cortistatin) genes. Alternative splicing results in multiple transcript variants, two of which encode fusion proteins that share sequence identity with the products of each individual gene. [provided by RefSeq, Aug 2011]

Function:

DNA-binding component of the FA core complex involved in DNA damage repair and genome maintenance. Required for optimal chromatin association of the FA core complex. Required for efficient damage-induced monoubiquitination and focus formation of FANCD2. Stabilizes FAAD24, FANCM and STRA13/CENPX in the FA core complex. Plays a role in DNA interstrand cross-linking (ICL) repair and in recovery of replication forks stalled by topoisomerase I-DNA cleavage intermediates induced by camptothecin. As a component of the APITD1/CENPS complex, is also essential for the stable assembly of the outer kinetochore. Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation.

Subcellular Location:

Nucleus. Chromosome > centromere. Localizes exclusively in the centromeres. The CENPA-CAD complex is probably recruited on centromeres by the CENPA-NAC complex.

Tissue Specificity:

Ubiquitously expressed.

Similarity:

Belongs to the TAF9 family.

SWISS:

Q8N2Z9

Gene ID:

378708.

Important Note:

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