

## $\alpha$ 辅助因子 44 抗体

产品货号： mIR19560

英文名称： OBFC1

中文名称： $\alpha$  辅助因子 44 抗体

别名： AAF 44; AAF44; Alpha accessory factor 44; bA541N10.2; CST complex subunit STN1; FLJ22559; Obfc1; Oligonucleotide/oligosaccharide binding fold containing 1; Oligonucleotide/oligosaccharide-binding fold-containing protein 1; OTTHUMP00000020417; OTTHUMP00000020418; Replication protein A 32 kDa subunit; RP11-541N10.2; RPA 32; STN1; STN1\_HUMAN; Suppressor of cdc thirteen; Suppressor of cdc thirteen homolog.

研究领域： 结合蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Horse,

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： 42kDa

细胞定位： 细胞核 细胞浆

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human OBFC1/AAF44:171-270/368

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 : OBFC1 and C17ORF68 (MIM 613129) are subunits of an alpha accessory factor (AAF) that stimulates the activity of DNA polymerase-alpha-primase (see MIM 176636), the enzyme that initiates DNA replication (Casteel et al., 2009 [PubMed 19119139]). OBFC1 also appears to function in a telomere-associated complex with C17ORF68 and TEN1 (C17ORF106; MIM 613130) (Miyake et al., 2009 [PubMed 19854130]).[supplied by OMIM, Nov 2009]

**Function:**

Component of the CST complex, a complex that binds to single-stranded DNA and is required to protect telomeres from DNA degradation. The CST complex binds single-stranded DNA with high affinity in a sequence-independent manner, while isolated subunits bind DNA with low affinity by themselves. In addition to telomere protection, the CST complex has probably a more general role in DNA metabolism at non-telomeric sites.

**Subcellular Location:**

Nucleus. Chromosome > telomere.

**Similarity:**

Belongs to the STN1 family.

Contains 1 OB DNA-binding domain.

**SWISS:**

Q9H668

**Gene ID:**

79991

**Important Note:**

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