

环指蛋白 17 抗体

产品货号： mlR9163

英文名称： RNF17

中文名称： 环指蛋白 17 抗体

别名： Mmip 2; Mmip2; Ring finger protein 17; RNF 17; SPATA 23; SPATA23; Spermatogenesis associated 23; TDRD 4; TDRD4; Tudor domain containing 4.

研究领域细胞生物 免疫学 染色质和核信号

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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： 185kDa

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 RNF17:1031-1200/1623

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 : The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. RNF17 (ring finger protein 17) or tudor domain-containing protein 4, TDRD4, SPATA23, Mmip-2 or FLJ11045, is a testis-specific protein and a novel key regulator of spermiogenesis containing 1,623 amino acids. By distributing Mad proteins to the cytoplasm, RNF17 regulates the transcriptional activity of c-Myc. Although showing localization in the nucleus, RNF17 is predominantly observed in cytoplasm and is a component of a novel nuage found in male germ cells. The gene encoding RNF17 maps to human chromosome 13q12.12 and encodes one RING-type zinc finger and four tudor domains. As a result of alternative splice events, five RNF17 isoforms exist.

Function:

Seems to be involved in regulation of transcriptional activity of MYC. In vitro, inhibits DNA-binding activity of Mad-MAX heterodimers. Can recruit Mad transcriptional repressors (MXD1, MXD3, MXD4 and MXI1) to the cytoplasm. May be involved in spermiogenesis (By similarity).

Subunit:

Interacts with MXD1, MXD3, MXD4, MXI1 and PIWIL1. Self-associates (By similarity).

Subcellular Location:

Cytoplasm (By similarity). Nucleus (By similarity). Note=Predominantly found in the cytoplasm. Component of a nuage in male germ cells (an electron-dense spherical cytoplasmic body present in late pachytene and diplotene spermatocytes and in elongating spermatids) (By similarity).

Tissue Specificity:

Testis specific.

Similarity:

Contains 1 RING-type zinc finger.

Contains 4 Tudor domains.

SWISS:

Q9BXT8

Gene ID:

56163

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

