

细胞生长调节核仁蛋白抗体

产品货号： mIR18456

英文名称： LYAR

中文名称： 细胞生长调节核仁蛋白抗体

别名： Cell growth regulating nucleolar protein; Cell growth-regulating nucleolar protein; Likely ortholog of mouse Ly1; reactive clone; Ly1; reactive; Ly1; reactive homolog (mouse); Ly1; reactive homolog; LYAR; LYAR_HUMAN; ZC2HC2; ZLYAR.

研究领域： 细胞生物 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

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： 44kDa

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 LYAR:1-100/379

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： LYAR is a 379 amino acid nucleolar protein containing two C2HC-type zinc fingers. Expressed at high levels in immature spermatocytes, early embryos and in fetal liver and thymus with low expression in kidney and spleen, LYAR may function as a novel nucleolar oncoprotein to regulate cell growth. It is suggested that LYAR participates in regulating the stability of C23, a protein that is critical for maintaining the self-renewal and differentiation of embryonic stem cells (ESCs). C23 is a eukaryotic nucleolar phosphoprotein that influences synthesis and maturation of ribosomes. LYAR forms a complex with C23, thereby preventing self-cleavage and maintaining steady levels of C23 in undifferentiated ESCs. Downregulation of LYAR decreases C23 stability in ESCs, which in turn negatively affects growth and increases the rate of apoptosis of these cells.

Subcellular Location:

Nucleus

Similarity:

Contains 2 C2HC-type zinc fingers.

SWISS:

Q9NX58

Gene ID:

55646

Important Note:

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