

## 锌指 RNA 结合蛋白抗体

产品货号： mIR19137

英文名称： ZFR

中文名称： 锌指 RNA 结合蛋白抗体

别名： FLJ41312; hZFR; M phase phosphoprotein homolog; M-phase phosphoprotein homolog; zfr; ZFR\_HUMAN; zinc finger RNA binding protein; Zinc finger RNA-binding protein.

研究领域： 肿瘤 细胞凋亡 转录调节因子 结合蛋白 锌指蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： 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： 117kDa

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 ZFR:271-370/1074

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 :** ZFR is 1,074 amino acid RNA-binding protein. In human, ZFR is expressed in lung, liver, lymphocytes, heart, pancreas, kidney and placenta, and regulates postimplantation and gastrulation stages of development. Murine ZFR is observed in testis, ovary and brain. With elevated levels of expression during meiosis, ZFR associates with chromosome foci in meiotic cells. ZFR contains 1 DZF domain and localizes in the somatodendritic compartment of hippocampal neurons and colocalizes with STAU2 in cytosolic RNA granules. Knockout of ZFR in mouse embryo prevents the development of some embryonic structures leads to an increase in programmed cell death with a decrease in mitotic index.

**Function:**

Involved in postimplantation and gastrulation stages of development. Involved in the nucleocytoplasmic shuttling of STAU2. Binds to DNA and RNA.

**Subcellular Location:**

Nucleus. Cytoplasm. Cytoplasmic granule. Chromosome. Associated with chromosome foci in meiotic cells. Localizes in somatodendritic compartment of primary hippocampal neurons. Colocalizes with STAU2 in several cytosolic RNA granules.

**Tissue Specificity:**

Expressed in lung, liver, lymphocytes, heart, pancreas, placenta, brain and kidney.

**Similarity:**

Contains 1 DZF domain.

**SWISS:**

Q96KR1

**Gene ID:**

51663

**Important Note:**

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