

## 10 号染色体开放阅读框 63 抗体

产品货号： mlR9773

英文名称： C10orf63

中文名称： 10 号染色体开放阅读框 63 抗体

别名： DKFZp781F21103; Chromosome 10 open reading frame 63; ENKUR; Enkurin; ENKUR\_HUMAN.

研究领域： 肿瘤 细胞生物 免疫学 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 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：29kDa

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 C10orf63/Enkurin:181-256/256

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 background：**

Enkurin is a 256 amino acid adapter protein that brings signal transduction proteins and transient receptor potential canonical (TRPC) cation channels into contact. Localizing to the acrosomal crescent and flagellar

principal piece of sperm, Enkurin contains one IQ domain which it uses to bind CaM (calmodulin). Enkurin is highly expressed in testis and vomeronasal organ, but is also found at lower levels in brain, ovary, heart and lung. The gene encoding Enkurin maps to human chromosome 10, which contains over 800 genes and 135 million nucleotides. PTEN is an important tumor suppressor gene located on chromosome 10 and, when defective, causes a genetic predisposition to cancer development known as Cowden syndrome. Other chromosome 10 associated disorders include Cockayne syndrome, tetrahydrobiopterin deficiency and trisomy 10.

**Function:**

Adapter that functions to localize a calcium-sensitive signal transduction machinery in sperm to a calcium-permeable ion channel (By similarity).

**Subunit:**

Binds calmodulin via its IQ domain. Interacts with TRPC1, TRPC2, TRPC5, but not TRPC3 (By similarity).

**Subcellular Location:**

Cell projection, cilium, flagellum. Note=Sperm acrosomal crescent and flagellar principal piece.

**Similarity:**

Contains 1 IQ domain.

**SWISS:**

Q8TC29

**Gene ID:**

219670



**Important Note:**

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