

## 生殖细胞发育相关蛋白 **DAZL** 抗体

产品货号： mlR12245

英文名称： DAZL

中文名称： 生殖细胞发育相关蛋白 DAZL 抗体

别名： DAZ homolog; DAZ like autosomal; DAZ-like autosomal; deleted in azoospermia-like; DAZH; DAZL 1; DAZL; DAZL\_HUMAN; DAZL1; DAZLA; Deleted in azoospermia like 1; Deleted in azoospermia like; Deleted in azoospermia like autosomal; Deleted in azoospermia-like 1; Deleted in azoospermia-like; Germline specific RNA binding protein; MGC26406; Spermatogenesis gene on the Y like autosomal; SPGY like autosomal; SPGY-like-autosomal; SPGYLA; Tpx2.

研究领域： 发育生物学 干细胞 转录调节因子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 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： 33kDa

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 DAZL:51-130/295

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 DAZ (Deleted in AZoospermia) gene family encodes potential RNA binding proteins that are expressed in prenatal and postnatal germ cells of males and females. The protein encoded by this gene is localized to the nucleus and cytoplasm of fetal germ cells and to the cytoplasm of developing oocytes. In the testis, this protein is localized to the nucleus of spermatogonia but relocates to the cytoplasm during meiosis where it persists in spermatids and spermatozoa. Transposition and amplification of this autosomal gene during primate evolution gave rise to the DAZ gene cluster on the Y chromosome. Mutations in this gene have been linked to severe spermatogenic failure and infertility in males. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010].

**Function:**

RNA-binding protein, which is essential for gametogenesis. Plays a central role during spermatogenesis. May act by binding to the 3'-UTR of mRNA and thereby regulating the translation of key transcripts.

**Subunit:**

Homodimer and heterodimer. Forms a heterodimer with DAZ. Interacts with BOLL, DAZAP1 and DAZAP2. Interacts with PUM2.

**Subcellular Location:**

Cytoplasm. Nucleus. Predominantly cytoplasmic. Nuclear in spermatogonia until near the end of the meiotic

prophase and cytoplasmic localization from then onward.

**Tissue Specificity:**

Testis specific.

**Similarity:**

Belongs to the RRM DAZ family.

Contains 1 DAZ-like domain.

Contains 1 RRM (RNA recognition motif) domain.

**SWISS:**

Q92904

**Gene ID:**

1618

**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

