

## 配子生成素抗体

产品货号： mIR13347

英文名称： GGN

中文名称： 配子生成素抗体

别 名： FLJ35713; Gametogenetin; MGC33369; GGN\_HUMAN.

研究领域： 细胞生物 发育生物学 干细胞 细胞凋亡

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, 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： 67kDa

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 GGN/Gametogenetin:5-100/652

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：** Gametogenetin is a 652 amino acid protein that is primarily expressed in testis and ovary. Interacting with POG (proliferation of germ cells), GGNBP1 and LCRG1, gametogenetin is likely involved in spermatogenesis. Gametogenetin exists as three alternatively spliced isoforms commonly known as gametogenetin protein 1 (GGN1), gametogenetin protein 2 (GGN2) and gametogenetin protein 3 (GGN3), which localize to nuclear membrane, cytoplasm and nucleus/nucleoli, respectively. GGN1 contains two transmembrane domains in its N-terminal half and 2 C-terminal arginine- and lysine-rich nucleolar targeting sequences. GGN1 and GGN3 are likely linked to germ cell development and both GGN1 and GGN2 may be involved in cell trafficking.

**Function:**

Gametogenetin gene is a germ cell specific gene that encodes proteins that interact with POG (proliferation of germ cells). Alternatively spliced transcript variants of a similar mouse gene encode at least three different proteins, namely gametogenetin protein 1a, gametogenetin protein 2, and gametogenetin protein 3, which show a perinuclear, cytoplasmic, and nucleolar localization, respectively. These proteins regulate the localization of POG and may play a role in spermatogenesis.

**Subunit:**

Interacts with FANCL, GGNBP1 and ZNF403/GGNBP2.

**SWISS:**

Q86UU5

Gene ID:

199720

**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

