

## 多能发育相关基因 2 抗体

产品货号： mlR0597

英文名称： DPPA2

中文名称： 多能发育相关基因 2 抗体

别名： Developmental Pluripotency Associated 2; developmental pluripotency associated gene2; PESCRG1; Pluripotent embryonic stem cell related protein 1; cancer/testis antigen 100; CT100; developmental pluripotency-associated gene 2; developmental pluripotency-associated protein 2; ECAT15-2; embryonic stem cell (ESC) associated transcript 15-2; PESCRG1; Pluripotent embryonic stem cell related protein 1; Pluripotent embryonic stem cell-related gene 1; Pluripotent embryonic stem cell-related gene 1 protein .

研究领域： 细胞生物 免疫学 发育生物学 神经生物学

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 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： 34kDa

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 DPPA2:211-301/301

**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 :** SCRG1 (scrapie-responsive protein 1) is a 98 amino acid secreted protein that belongs to the SCRG1 family. The SCRG1 protein contains a 20-amino acid signal peptide, and is expressed abundantly in the central nervous system of human adult, but not at all in fetal brain. The protein is targeted to the Golgi apparatus and large dense-core vesicles/secretory granules in neurons. High levels of SCRG1 transcripts are also observed in testis and aorta. SCRG1 is associated with neurodegenerative changes observed in transmissible spongiform encephalopathies. It may play a role in host response to prion-associated infections. The SCRG1 protein may be partly included in the membrane or secreted by the cells due to its hydrophobic N-terminus. The human and mouse SCRG1 proteins share 83% sequence identity. The SCRG1 gene is conserved in chimpanzee, cow, mouse, rat and chicken, and maps to human chromosome 4q34.1.

**Function:**

Dppa2 is a SAP domain protein expressed only in pluripotent cells and the developing germ line.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Expressed abundantly in the central nervous system of adult, but not at all in fetal brain. High levels of SCRG1 transcripts are also observed in testis and aorta.

**Similarity:**

Belongs to the SCRG1 family.

**SWISS:**

Q7Z7J5

**Gene ID:**

151871

**Important Note:**

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