

## 细胞增殖诱导蛋白 54 抗体

产品货号： mlR17274

英文名称： PIG54/SCC112

中文名称： 细胞增殖诱导蛋白 54 抗体

别名： Cell proliferation inducing protein 54; Cell proliferation-inducing gene 54 protein; KIAA0648; KIAA0648.; PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae); PDS5A; PDS5A\_HUMAN; PIG54; SCC-112; SCC112; Sister chromatid cohesion protein 112; Sister chromatid cohesion protein PDS5 homolog A

研究领域： 细胞生物 细胞分化 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： 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 : 150kDa

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 PIG54/SCC112:1221-1338/1338

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 protein encoded by this gene binds to the cohesin complex and associates with chromatin through most of the cell cycle. The encoded protein may play a role in regulating sister chromatid cohesion during mitosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2010]

**Function:**

Probable regulator of sister chromatid cohesion in mitosis which may stabilize cohesin complex association with chromatin. May couple sister chromatid cohesion during mitosis to DNA replication. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair.

**Subcellular Location:**

Nucleus. Associated with chromatin through most of the cell cycle. Dissociates from chromatin in late prophase, reassociates during late telophase.

**Tissue Specificity:**

Highest level in colon. Low levels in lung, ovary, breast and kidney. Reduced level in renal tumor tissue. Isoform 2 is expressed in kidney.

**Similarity:**

Belongs to the PDS5 family.

Contains 1 HEAT repeat.

**SWISS:**

Q29RF7

**Gene ID:**

23244

**Important Note:**

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