

## 同类型染色单体凝聚蛋白 4 抗体

产品货号： mlR17275

英文名称： SCC4

中文名称： 同类型染色单体凝聚蛋白 4 抗体

别名： K0892; KIAA0892; Mau 2; Mau 2L; mau-2; Mau2; SCC4\_HUMAN; MAU2L; Scc 4; sister chromatid cohesion 4.

研究领域： 细胞生物 免疫学 染色质和核信号 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Rabbit,

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：69kDa

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 SCC4:51-150/613

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 :** Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fc $\gamma$  receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene BCL3.

**Function:**

Scs4 (Mau2) is the metazoan homologue of Scs4 in *S. cerevisiae*. In yeast, Scs4 binds to Scs2 to form an essential complex that loads cohesion onto chromosomes. Similarly, the Scs4 / Mau2 protein in metazoans plays a significant role in sister chromatid separation and in loading of cohesin onto chromatin. The Scs2-Scs4 complex is tethered to pre-replication complexes through the Cdc7-Drf1 protein kinase DDK.

**Subunit:**

Interacts (via N-terminus) with NIPBL to form the cohesion loading complex.

**Subcellular Location:**

Nucleus, nucleoplasm. Note=Binds to chromatin from the end of mitosis until prophase.

**Similarity:**

Belongs to the SCC4/mau-2 family.

Contains 4 TPR repeats.

**SWISS:**

Q9Y6X3

**Gene ID:**

23383

**Important Note:**

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