

同源盒蛋白 GSC 抗体

产品货号 : mlR12352

英文名称 : GSC

中文名称 : 同源盒蛋白 GSC 抗体

别名 : Goosecoid; goosecoid homeobox; GSC; GSC2; GSC_HUMAN; homeobox protein goosecoid-like; homeobox protein goosecoid-2; Homeobox protein goosecoid; GSC 2; GSCL; Homeobox protein goosecoid 2; Homeobox protein goosecoid like.

研究领域 : 细胞生物 发育生物学 信号转导 干细胞 表观遗传学

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Chicken, Dog, Pig, Cow, 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 : 28kDa

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 GSC:151-257/257

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 : Goosecoid is a homeodomain transcription factor with DNA binding specificity identical to that of the anterior morphogen 'bicoid' in Drosophila. During mouse embryogenesis, GSC influences development of the lower mandible and its associated musculature, including the tongue, the nasal cavity, and the nasal pits, as well as components of the inner ear and the external auditory meatus. The GSC gene encodes a member of the bicoid subfamily of the paired (PRD) homeobox family of proteins.

Function:

Regulates chordin (CHRD). May play a role in spatial programing within discrete embryonic fields or lineage compartments during organogenesis. In concert with NKX3-2, plays a role in defining the structural components of the middle ear; required for the development of the entire tympanic ring.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the paired homeobox family. Bicoid subfamily.

Contains 1 homeobox DNA-binding domain.

SWISS:

O15499

Gene ID:

2928

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

