

## 骨形态形成蛋白拮抗蛋白 3 抗体

产品货号： mlR14193

英文名称： DAND5/GREM3

中文名称： 骨形态形成蛋白拮抗蛋白 3 抗体

别名： BMP antagonist 3; CER2; cerberus 2; Cerberus like 2; Cerberus-like protein 2; Cerl-2; CERL2; CKTSF1B3; COCO; CRL2; Cysteine knot superfamily 1; Cysteine knot superfamily 1 BMP antagonist 3; DAN domain family member 5; Dand5; DAND5\_HUMAN; DANTE; GREM3; Gremlin-3; MGC126849; SP1.

研究领域： 细胞生物 发育生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

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： 18kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human DAND5/GREM3:101-189/189

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 : This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted protein encoded by this gene is likely due to its direct binding to BMP proteins. As an antagonist of BMP, this gene may play a role in regulating organogenesis, body patterning, and tissue differentiation. In mouse, this protein has been shown to bind Nodal and to inhibit the Nodal signaling pathway which patterns left/right body asymmetry. [provided by RefSeq, Jul 2008]

**Function:**

Seems to play a role in the correct specification of the left-right axis. May antagonize NODAL and BMP4 signaling. Cystine knot-containing proteins play important roles during development, organogenesis, tissue growth and differentiation.

**Subcellular Location:**

Secreted.

**Similarity:**

Belongs to the DAN family.

Contains 1 CTCK (C-terminal cystine knot-like) domain.

**SWISS:**

Q8N907

**Gene ID:**

199699

**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

