

## 转录辅助因子退变样蛋白 4 抗体

产品货号： mlR9185

英文名称： VGLL4

中文名称： 转录辅助因子退变样蛋白 4 抗体

别 名： Transcription cofactor vestigial like protein 4; Vestigial like protein 4; VGL 4; VGLL4; VGLL4\_HUMAN.

研究领域： 细胞生物

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 31kDa

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 VGLL4:201-290/290

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 癯 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 癯. 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 癯.

PubMed : PubMed

产品介绍 : The transcriptional enhancer factor-1 (TEF-1) family of transcription factors regulate tissue-specific gene expression in muscle and placenta. The mechanism whereby TEF-1 confers tissue specificity depends largely on the interaction of TEF-1 with tissue-specific cofactors. Transcription cofactor Vgl-4 (vestigial-like protein 4) is a 290 amino acid nuclear protein that interacts with TEF-1 and MEF-2. Vgl-4 is the only member of the vestigial-like family that is expressed in heart. Overexpression of Vgl-4 in cardiac myocytes interferes with basal expression and  $\beta$ -adrenergic receptor-dependent activation of a TEF-1 dependent skeletal  $\beta$ -actin promoter. This suggests that Vgl-4 counteracts  $\beta$ -adrenergic activation of gene expression in cardiomyocytes. There are two isoforms of Vgl-4 that are produced as a result of alternative splicing events.

**Function:**

May act as a specific coactivator for the mammalian TEFs (By similarity).

**Subunit:**

Interacts with TEFs (By similarity). Interacts with IRF2BP2.

**Subcellular Location:**

Nuclear

**Similarity:**

Belongs to the vestigial family.

**SWISS:**

Q14135

**Gene ID:**

9686

**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

