

## 转录辅助因子退变样蛋白 2 抗体

产品货号： mlR9183

英文名称： VGLL2

中文名称： 转录辅助因子退变样蛋白 2 抗体

别 名： Protein VITO1; Transcription cofactor vestigial like 2; Transcription cofactor vestigial like protein 2; Transcription cofactor vestigial-like protein 2; Vestigial like 2; Vestigial like 2 (Drosophila); Vgl-2; VGL2; VGLL 2; VglI2; VGLL2\_HUMAN; VITO1.

研究领域： 肿瘤 细胞生物 免疫学 信号转导 干细胞 转录调节因子 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, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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： 33kDa

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 VGLL2:101-200/317

**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：** Vgl-2, also known as VITO-1, is a 317 amino acid protein that contains a domain through which it interacts with TEF-1, a protein that plays a role in controlling the expression of numerous genes. Specific to skeletal muscle, Vgl-2 is expressed highly in adult fast muscle and is expressed at lower levels in adult slow muscle and fetal skeletal muscle. During muscle differentiation, Vgl-2 mRNA levels increase and Vgl-2 translocates from the cytoplasm to the nucleus. Overexpression of Vgl-2 in MYOD-transfected 10T1/2 mouse embryonic fibroblasts increases expression of myosin heavy chain (MHC), which is a marker of terminal muscle differentiation. This evidence suggests that Vgl-2 is essential for muscle gene expression. There are two isoforms of Vgl-2 that are produced as a result of alternative splicing events.

**Function:**

May act as a specific coactivator for the mammalian TEFs. May play a role in the development of skeletal muscles.

**Subunit:**

Interacts with TEFs. Binds to TEAD1/TEF1.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Skeletal muscle.

**Similarity:**

Belongs to the vestigial family.

**SWISS:**

Q8N8G2

**Gene ID:**

245806

**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

