锌指蛋白 339 抗体

产品货号： mlR12274

英文名称： OVOL2

中文名称： 锌指蛋白 339 抗体

别　　名： bA504H3.3; EUROIMAGE566589; hOvo 2; hOvo2; Ovo like 2 (Drosophila); Ovo like 2; OVOL 2; Transcription factor Ovo like 2; Zinc finger protein 339; ZNF 339; ZNF339; OVOL2_HUMAN.

研究领域： 发育生物学　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, Pig, Cow,

产品应用： WB=1:500-2000 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： 30kDa

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 OVOL2:75-180/275

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 ℃ 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℃. 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 ℃.

PubMed： PubMed

产品介绍： The Ovo family of zinc-finger transcription factors encode evolutionarily conserved genes including those from Caenorhabditis elegans, Drosophila melanogaster, mouse and human. Members of the Ovo family include Ovol1 and Ovol2. Ovol1 acts as a transcriptional repressor by interacting with key developmental signaling pathways such as Wnt and TGF-∫/BMP. Specifically, Ovol1 represses c-Myc and Id2 genes and establishes a balance between proliferation and differentiation of progenitor cells. Deletion of Ovol1 in mice leads to germ cell degeneration and defective sperm production in adult males. Ovol1 has also been shown to repress itself as well as Ovol2, which is thought to regulate neural development and vascular angiogenesis during embryogenesis.

Function:

OVOL2 (Ovo like 2) contains 4 C2H2 type zinc fingers. It belongs to the krueppel C2H2 type zinc finger protein family. It is a DNA binding protein that binds to the 5'-G[GCT]GGGGG-3' core sequence. It probably acts as a transcription regulator.

Subcellular Location:

Nuclear.

Tissue Specificity:

Expressed in testis, ovary, heart and skeletal muscle.

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family.

Contains 4 C2H2-type zinc fingers.

SWISS:

Q9BRP0

Gene ID:

58495

Important Note:

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

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