锌指蛋白 281 抗体

产品货号： mlR12208

英文名称： ZNF281

中文名称： 锌指蛋白 281 抗体

别　　名： Zfp281; GC box binding zinc finger protein 1; GC-box-binding zinc finger protein 1; GZP1; Transcription factor ZBP-99; ZBP 99; ZBP99; zfp281; Zinc finger DNA binding protein 99; Zinc finger DNA-binding protein 99; Zinc Finger Protein 281; ZN281_HUMAN; ZNF281; ZNP 99; ZNP 99 transcription factor; ZNP99.

研究领域： 细胞生物　发育生物学　信号转导　干细胞　转录调节因子　锌指蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应　： Human, Mouse, Rat, Chicken, Pig, Cow, Horse, 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： 97kDa

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 ZNF281:802-895/895

亚　　型： IgG

mlbio 酶联生物
Good elisakit producers

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： Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZNF281, also known as GC-box-binding zinc finger protein 1, ZBP-99 or ZNP-99 (zinc finger DNA-binding protein 99), is a zinc finger protein that belongs to the Krüppel C2H2-type zinc finger protein family. It is expressed ubiquitously at low levels with predominant expression in kidney, liver, lymphocytes and placenta. ZNF281 localizes to the nucleus and contains four C2H2-type zinc fingers. ZNF281 plays a role in repressing the transcription of a variety of genes including Gastrin and ODC (ornithine decarboxylase). In particular, ZNF281 functions by binding to the G-rich box in the enhancer region of the gene. Upon DNA damage, ZNF281 may become phosphorylated by Atm or ATR.

Function:

Involved in transcriptional regulation. Represses the transcription of a number of genes including gastrin and ornithine decarboxylase. Binds to the G-rich box in the enhancer region of these genes.

Subcellular Location:

Nucleus.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

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

Contains 4 C2H2-type zinc fingers.

SWISS:

Q9Y2X9

Gene ID:

23528

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

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