锌指蛋白 131 抗体

产品货号： mlR12233

英文名称： ZNF131

中文名称： 锌指蛋白 131 抗体

别　　名： pHZ 10; pHZ10; Zinc finger protein 131; ZN131_HUMAN; ZNF 131; Znf131.

研究领域： 神经生物学　转录调节因子　锌指蛋白　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

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

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： 71kDa

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 ZNF131:351-460/623

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 癈 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 癈. 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 癈.

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. The majority of zinc-finger proteins contain a Kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the krueppel C2H2-type zinc-finger protein family, ZNF131 (Zinc finger protein 131) is a 623 amino acid nuclear protein that contains one BTB (POZ) domain and six C2H2-type zinc fingers. With predominant expression found in brain, it is likely that ZNF131 plays a role as a transcription regulator during development and organogenesis of the adult central nervous system. ZNF131 also represses ER Alpha (Estrogen receptor alpha)-mediated transactivation by interrupting ER?binding to the estrogen-response element. There are two isoforms of ZNF131 that are produced as a result of alternative splicing events.

Function:

May be involved in transcriptional regulation. Plays a role during development and organogenesis as well as in the function of the adult central nervous system.

Subcellular Location:

Nucleus.

Tissue Specificity:

Predominant expression is found in different brain areas such as the occipital and temporal lobe, the nucleus caudatus, hippocampus, and the cerebellum as well as in testis and thymus.

Post-translational modifications:

Sumoylation by CBX4 at Lys-601 by may potentiate the negative effect on estrogen signaling.

Similarity:

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

Contains 1 BTB (POZ) domain.

Contains 6 C2H2-type zinc fingers.

SWISS:

P52739

Gene ID:

7690

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