垂体特异性同源因子抗体

产品货号： mlR19183

英文名称： PROP1

中文名称： 垂体特异性同源因子抗体

别　　名： CPHD2; Homeobox protein prophet of Pit 1; OTTHUMP00000161487; paired-like homeodomain transcription factor; Pituitary specific homeodomain factor; PROP 1; PROP paired like homeobox 1; prophet of Pit1.

研究领域： 细胞生物　发育生物学　神经生物学　转录调节因子　结合蛋白　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

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

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： 25kDa

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 PROP1:101-180/226

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： This gene encodes a paired-like homeodomain transcription factor in the developing pituitary gland. Expression occurs prior to and is required for expression of pou domain transcription factor 1, which is responsible for pituitary development and hormone expression. Mutations in this gene have been associated with combined pituitary hormone deficiency-2 as well as deficiencies in luteinizing hormone, follicle-stimulating hormone, growth hormone, prolactin, and thyroid-stimulating hormone. [provided by RefSeq, Sep 2011]

Function:

Possibly involved in the ontogenesis of pituitary gonadotropes, as well as somatotropes, lactotropes and caudomedial thyrotropes.

Subcellular Location:

Nucleus

DISEASE:

Combined pituitary hormone deficiency is defined as the impaired production of growth hormone and one or more of the other five anterior pituitary hormones. CPHD2 is characterized by pleiotropic deficiencies of growth hormone, thyroid-stimulating hormone, follicle-stimulating hormone, luteinizing hormone, prolactin and

adrenocorticotropic hormone.

Similarity:

Belongs to the paired homeobox family.

Contains 1 homeobox DNA-binding domain.

SWISS:

O75360

Gene ID:

5626

Important Note:

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