# 脑转录因子 4 蛋白抗体

**产品货号：** mlR20757

**英文名称：** BRN4

**中文名称：** 脑转录因子 4 蛋白抗体

**别　　名：** class 3; transcription factor 4; Brain specific homeobox POU domain protein 4; Brain-4; Brain-specific homeobox/POU domain protein 4; BRAIN4; Brn-4; BRN4; DFN3; Oct-9; Octamer-binding protein 9; Octamer-binding transcription factor 9; OTF-9; OTF9; PO3F4_HUMAN; POU domain; POU domain class 3 transcription factor 4; POU3F4.

**研究领域：** 肿瘤　细胞生物　免疫学

**抗体来源：** Rabbit

**克隆类型：** Polyclonal

**交叉反应：** Human, Mouse, Rat, Dog, Pig, 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：** 51kDa

**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 BRN4:1-100/361

**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 ： Probable transcription factor which exert its primary action widely during early neural development and in a very limited set of neurons in the mature brain.Defects in POU3F4 are a cause of deafness X-linked type 2 (DFNX2) . A mixed type of deafness characterized by both conductive hearing loss resulting from stapes (perilymphatic gusher) fixation and progressive sensorineural deafness.

**Function:**

Probable transcription factor which exert its primary action widely during early neural development and in a very limited set of neurons in the mature brain.

**Subunit:**

Homodimer. Heterodimer with a RAR molecule. Binds DNA preferentially as a RAR/RXR heterodimer.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Brain specific.

**DISEASE:**

Defects in POU3F4 are a cause of deafness X-linked type 2 (DFNX2) [MIM:304400]. A mixed type of deafness characterized by both conductive hearing loss resulting from stapes (perilymphatic gusher) fixation and progressive sensorineural deafness.

**Similarity:**

Belongs to the POU transcription factor family. Class-3 subfamily.

Contains 1 homeobox DNA-binding domain.

Contains 1 POU-specific domain.

**SWISS:**

P49335

**Gene ID:**

5456

**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**