LHX3 蛋白抗体

产品货号： mlR18245

英文名称： LHX3

中文名称： LHX3 蛋白抗体

别　　名： CPHD 3; CPHD3; DKFZp762A2013; LHX 3; LHX3; LHX3_HUMAN; LIM 3; LIM homeobox 3; LIM homeobox gene 3; LIM homeobox protein 3; LIM/homeobox protein Lhx3; LIM/homeodomain protein LHX3; Lim3; M2 LHX3; mLim-3; mLIM3; P LIM.

研究领域： 细胞生物　免疫学　发育生物学　神经生物学　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, Dog, Pig, Cow, Rabbit,

产品应用： 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： 43kDa

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 LHX3:1-100/397

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 member a large protein family which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor that is required for pituitary development and motor neuron specification. Mutations in this gene cause combined pituitary hormone deficiency 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

Function:

Acts as a transcriptional activator. Binds to and activates the promoter of the alpha-glycoprotein gene, and synergistically enhances transcription from the prolactin promoter in cooperation with Pit-1.

Subcellular Location:

Nucleus.

DISEASE:

Defects in LHX3 are the cause of pituitary hormone deficiency combined type 3 (CPHD3) [MIM:221750]; also known as combined pituitary hormone deficiency with rigid cervical spine or sensorineural deafness with pituitary dwarfism. CPHD is characterized by a complete deficit in all but one (adrenocorticotropin) anterior pituitary hormone and a rigid cervical spine leading to limited head rotation.

Similarity:

Contains 1 homeobox DNA-binding domain.

Contains 2 LIM zinc-binding domains.

SWISS:

Q9UBR4

Gene ID:

8022

Important Note:

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