低密度脂蛋白受体相关蛋白 4 抗体

产品货号： mlR18365

英文名称： LRP4

中文名称： 低密度脂蛋白受体相关蛋白 4 抗体

别　　名： Corin; KIAA0816; LDLR dan; Low density lipoprotein receptor related protein 4; Low-density lipoprotein receptor-related protein 4; LRP-4; LRP10; Lrp4; LRP4_HUMAN; MEGF7; Multiple epidermal growth factor like domains 7; Multiple epidermal growth factor-like domains 7.

研究领域： 细胞生物　神经生物学　信号转导　干细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow,

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： 210kDa

细胞定位： 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human LRP4:1501-1600/1905 <Extracellular>

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 of the low-density lipoprotein receptor-related protein family. The encoded protein may be a regulator of Wnt signaling. Mutations in this gene are associated with Cenani-Lenz syndrome. [provided by RefSeq, May 2010]

Function:

Potential cell surface endocytic receptor, which binds and internalizes extracellular ligands for degradation by lysosomes. Involved in the negative regulation of the canonical Wnt signaling pathway, being able to antagonize the LRP6-mediated activation of this pathway.

Subunit:

Homooligomer. Interacts with MUSK; the heterodimer forms an AGRIN receptor complex that binds AGRIN resulting in activation of MUSK (By similarity). Interacts (via the extracellular domain) with SOST; the interaction facilitates the inhibition of Wnt signaling.

Subcellular Location:

Membrane.

Tissue Specificity:

Expressed in several regions of the brain.

DISEASE:

Defects in LRP4 are the cause of Cenani-Lenz syndactyly syndrome (CLSS) [MIM:212780]. It is a congenital malformation syndrome defined as complete and complex syndactyly of the hands combined with malformations of the forearm bones and similar manifestations in the lower limbs.

Similarity:

Belongs to the LDLR family.

Contains 3 EGF-like domains.

Contains 8 LDL-receptor class A domains.

Contains 20 LDL-receptor class B repeats.

SWISS:

O75096

Gene ID:

4038

Important Note:

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