

富含亮氨酸重复序列Ⅲ型纤维连接蛋白 4 抗体

产品货号： mlR11089

英文名称： LRFN4

中文名称： 富含亮氨酸重复序列/Ⅲ型纤维连接蛋白 4 抗体

别名： Alternative namesFIGLER6; leucine rich repeat and fibronectin type III domain containing 4; fibronectin type III, immunoglobulin and leucine rich repeat domains 6; Leucine-rich repeat and fibronectin type-III domain-containing protein 4; Lrfn4; LRFN4_HUMAN; MGC3103; SALM3.

研究领域： 神经生物学 信号转导 细胞粘附分子 细胞膜蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 Flow-Cyt=0.2ug/test

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： 65kDa

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 LRFN4:21-120/635 <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： LRFN4 is a 635 amino acid single-pass type I membrane protein that belongs to the LRFN family. Containing a fibronectin type-III domain, an Ig-like (immunoglobulin-like) domain, a LRRCT domain, a LRRNT domain and seven LRR (leucine-rich) repeats, LRFN4 is thought to promote neurite outgrowth in hippocampal neurons and may play a role in redistributing PSD-95 to the cell periphery. LRFN4 forms heteromeric complexes with LRFN1, LRFN2, LRFN3 and LRFN5, but does not have the ability to form homomeric complexes across cell junctions of adjacent cells like some other LRFN family members. The PDZ-binding motif of LRFN4 is required for neurite outgrowth promotion and for SAP 97-, NE-dlg- and PSD-95-binding. LRFN4 is encoded by a gene located on human chromosome 11q13.1 and mouse chromosome 19 A.

Function:

Promotes neurite outgrowth in hippocampal neurons. May play a role in redistributing DLG4 to the cell periphery.

Subunit:

Can form heteromeric complexes with LRFN1, LRFN2, LRFN3 and LRFN5. Unable to form homophilic interactions across cell junctions (By similarity). Interacts with DLG1, DLG2, DLG3 and DLG4.

Subcellular Location:

Membrane; Single-pass type I membrane protein (By similarity).

Post-translational modifications:

Glycosylated (By similarity).

Similarity:

Belongs to the LRFN family.

Contains 1 fibronectin type-III domain.

Contains 1 Ig-like (immunoglobulin-like) domain.

Contains 7 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

Contains 1 LRRNT domain.

SWISS:

Q6PJG9

Gene ID:

78999

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

