神经软骨蛋白 NCDN1 抗体

产品货号： mlR19517

英文名称： Neurochondrin

中文名称： 神经软骨蛋白 NCDN1 抗体

别　　名： AU042419; KIAA0607; M-Sema F-associating protein of 75 kDa; MGC93259; MMS10-AE; Ms10ae; NCDN; NCDN-1; Neurochondrin 1; Norbin; OTTHUMP00000065369; OTTHUMP00000065370; OTTHUMP00000065371; Sfap75.

研究领域： 肿瘤　细胞生物　神经生物学　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

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： 79kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human Neurochondrin:2-100/729

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 leucine-rich cytoplasmic protein, which is highly similar to a mouse protein that negatively regulates Ca/calmodulin-dependent protein kinase II phosphorylation and may be essential for spatial learning processes. Several alternatively spliced transcript variants of this gene have been described. [provided by RefSeq, Jul 2008]

Function:

Probably involved in signal transduction, in the nervous system, via increasing cell surface localization of GRM5 and positively regulating its signaling By similarity. Required for the spatial learning process. Acts as a negative regulator of Ca2+-calmodulin-dependent protein kinase 2 (CaMK2) phosphorylation. May play a role in modulating melanin-concentrating hormone-mediated functions via its interaction with MCHR1 that interferes with G protein-coupled signal transduction. May be involved in bone metabolism. May also be involved in neurite outgrowth.

Subcellular Location:

Cytoplasm. Cell projection, dendrite.

Tissue Specificity:

Abundantly expressed in whole adult brain and in all individual brain regions examined, including spinal cord. Weakly expressed in ovary, testis, fetal brain and small intestine.

Similarity:

Interacts with SEMA4C, DIAPH1 (via FH3 domain) and GRM5 By similarity. Interacts with MCHR1.

SWISS:

Q9UBB6

Gene ID:

23154

Important Note:

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