

神经细胞粘附分子 2 抗体

产品货号： mlR11094

英文名称： NCAM2

中文名称： 神经细胞粘附分子 2 抗体

别名： N CAM 2; N CAM 21; N CAM2; N CAM21; N-CAM-2; NCAM 2; NCAM 21; NCAM-2; Ncam2; NCAM2_HUMAN; NCAM21; Neural cell adhesion molecule 2; OCAM GPI; R4B12; RB 8 neural cell adhesion molecule; RB8 neural cell adhesion molecule; RNCAM.

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, Rabbit,

产品应用： ELISA=1:500-1000 Flow-Cyt=3ug/test

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 91kDa

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 NCAM2:51-150/837 <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： NCAM2 is an 837 amino acid protein encoded by the human gene NCAM2. NCAM2 contains five immunoglobulin-like domains, two Fibronectin type III domains, a transmembrane domain and a cytoplasmic domain. The gene is expressed most strongly in human adult and fetal brain. NCAM2 is a member of the neural cell adhesion molecule (NCAM) family. NCAMs are closely related cell surface glycoproteins involved in cell to cell interactions during growth and are thought to play an important role in embryogenesis and development. NCAM2 is a considered a good candidate for involvement in certain Down syndrome phenotypes because a slight overexpression of NCAMs increases many-fold the homotypic adhesion properties of cells. Stat5 regulates NCAM2 in vivo by binding to the NCAM2 intron in the NKL natural killer cell line; this binding is induced by cytokines that activate Stat5. Neither Stat1 nor Stat3 bind to this region, despite sharing a consensus binding sequence with Stat5.

Function:

May play important roles in selective fasciculation and zone-to-zone projection of the primary olfactory axons.

Subunit:

Contains 2 fibronectin type-III domains. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

Subcellular Location:

Cell membrane.

Tissue Specificity:

Expressed most strongly in adult and fetal brain.

Similarity:

Contains 2 fibronectin type-III domains.

Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

SWISS:

O15394

Gene ID:

4685

Important Note:

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