

神经丛蛋白 B3 抗体

产品货号： mIR11470

英文名称： PLXNB3

中文名称： 神经丛蛋白 B3 抗体

别 名： Plexin B3; KIAA1206; PLEXB3; Plexin-B3; PLEXR; PLXB3_HUMAN; PLXN6; PLXNB3.

研究领域： 细胞生物 神经生物学 细胞分化

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Horse,

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： 202kDa

细胞定位： 细胞浆 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human Plexin B2:354-400/1909 <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： Plexins are a family of large, transmembrane receptors for multiple classes of semaphorins in vertebrates. They are widely expressed, and regions of their extracellular domain are homologous to both scatter factor receptors and semaphorin domains. Plexins may act as semaphorin receptors alone or in combination with neuropilins. Plexins are divided into four subfamilies designated plexin-A, -B, -C, and -D. Plexin-B1 and -B2 are both receptors for Sema4D, which stimulates axonal outgrowth of embryonic dorsal root ganglion neurons. . Plexin-B3 binds to Sema5A, which controls axon guidance and can initiate the intracellular signaling of the hepatocyte growth factor/scatter factor receptor Met.

Function:

Receptor for SEMA5A. Plays a role in axon guidance, invasive growth and cell migration.

Subunit:

Interacts (via cytoplasmic domain) with RAC1 and ARHGDI1 (By similarity). Binds MET and MST1R. Interacts (via cytoplasmic domain) with FSCN1. Interacts with RIT2/RIN. May form homodimers (via Sema domain).

Subcellular Location:

Cell membrane; Single-pass type I membrane protein. Note=Colocalizes with RIT2/RIN at the plasma membrane.

Tissue Specificity:

Detected at very low levels in several fetal tissues.

Similarity:

Belongs to the plexin family.

Contains 4 IPT/TIG domains.

Contains 1 Sema domain.

SWISS:

Q9ULL4

Gene ID:

5365

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

