

轴突蛋白 3 抗体

产品货号： mIR20614

英文名称： NRXN3

中文名称： 轴突蛋白 3 抗体

别名： Neurexin III-alpha; NRXN3; NRXN 3; NRXN-3; C14orf60; Neurexin 3; Neurexin3; Neurexin-3; Neurexin III; Neurexin III-alpha; Neurexin-3-alpha [Precursor]; NRX3A_HUMAN.

研究领域： 神经生物学 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, Dog, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： WB=1:500-2000 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 : 178kDa

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 NRXN3:28-120/1643 <Extracellular>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4

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 background:

This gene encodes a member of a family of proteins that function in the nervous system as receptors and cell adhesion molecules. Extensive alternative splicing and the use of alternative promoters results in multiple transcript variants and protein isoforms for this gene, but the full-length nature of many of these variants has not been determined. Transcripts that initiate from an upstream promoter encode alpha isoforms, which contain epidermal growth factor-like (EGF-like) sequences and laminin G domains. Transcripts initiating from the downstream promoter encode beta isoforms, which lack EGF-like sequences. Genetic variation at this locus has been associated with a range of behavioral phenotypes, including alcohol dependence and autism spectrum disorder. [provided by RefSeq, Dec 2012]

Function:

Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. May play a role in angiogenesis.

Subunit:

The cytoplasmic C-terminal region binds to CASK. Binds to neuroligins NLGN1, NLGN2 and NLGN3.

Subcellular Location:

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

Tissue Specificity:

Expressed in the blood vessel walls (at protein level).

Post-translational modifications:

Processed by alpha-secretase leading to the formation of an extracellular soluble protein as well as a C-terminal membrane-embedded fragment (CTF). Proteolysis of these CTFs by gamma-secretase releases intracellular domains (ICDs) and extracellular peptides.

Similarity:

Belongs to the neurexin family.

Contains 1 laminin G-like domain.

SWISS:

Q9HDB5

Gene ID:

9369

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

