神经调节蛋白 3 抗体

产品货号： mIR6235

英文名称： NRG3

中文名称： 神经调节蛋白 3 抗体

别　　名： HRG3; Neuregulin 3; Neuregulin 3 like polypeptide; Neuregulin-3; Neuregulin3; NRG-3; Nrg3; NRG3_HUMAN; pro NRG3; Pro-NRG3.

研究领域： 肿瘤　细胞生物　免疫学　神经生物学　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 78kDa

细胞定位： 细胞膜 分泌型蛋白

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human NRG3:351-450/720

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： Direct ligand for the ERBB4 tyrosine kinase receptor. Binding results in ligand-stimulated tyrosine phosphorylation and activation of the receptor. Does not bind to the EGF receptor, ERBB2 or ERBB3 receptors.

May be a survival factor for oligodendrocytes.

Function:

Direct ligand for the ERBB4 tyrosine kinase receptor. Binding results in ligand-stimulated tyrosine phosphorylation and activation of the receptor. Does not bind to the EGF receptor, ERBB2 or ERBB3 receptors. May be a survival factor for oligodendrocytes.

Subunit:

Interacts with ERBB4.

Subcellular Location:

Pro-neuregulin-3, membrane-bound isoform: Cell membrane; Single-pass type I membrane protein. Neuregulin-3: Secreted. Isoform 3: Cell membrane; Single-pass type I membrane protein.

Tissue Specificity:

Highly expressed in most regions of the brain with the exception of corpus callosum. Expressed at lower level in testis. Not detected in heart, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, ovary, small intestine, colon and peripheral blood leukocytes.

Post-translational modifications:

Proteolytic cleavage close to the plasma membrane on the external face leads to the release of the soluble growth factor form.

Extensive glycosylation precedes the proteolytic cleavage (By similarity). Isoform 3 is glycosylated.

Similarity:

Belongs to the neuregulin family.

Contains 1 EGF-like domain.

SWISS:

P56975

Gene ID:

10718

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