

## Nogo66 受体相关蛋白 3 抗体

产品货号： mIR20071

英文名称： RTN4RL1

中文名称： Nogo66 受体相关蛋白 3 抗体

别 名： DKFZp547J144; NgR 3; NgR3; NGRH 2; NGRH2; NGRL2; Nogo 66 receptor homolog 2; Nogo 66 receptor related protein 3; Nogo receptor like 2; Reticulon 4 receptor like 1; R4RL1\_HUMAN.

研究领域： 细胞生物 神经生物学

抗体来源： Rabbit

克隆类型： Polyclonal

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

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： 45kDa

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 RTN4RL1:101-300/441

**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：** NgR3 is a 441 amino acid protein that belongs to the Nogo receptor family. Localized to the cell membrane, NgR3 contains 8 LRR (leucine-rich) repeats. NgR3 is predominantly expressed in brain, where it localizes to the surface of neurons, but is also found at lower levels in lung, placenta, kidney, mammary gland, skeletal muscle, spleen and salivary gland. NgR3 is thought to play a role in the regulation of axonal regeneration and plasticity in the adult central nervous system. The gene that encodes NgR3 maps to human chromosome 17, which makes up over 2.5% of the human genome with about 81 million bases encoding over 1,200 genes.

**Function:**

RTN4RL1 may play a role in regulating axonal regeneration and plasticity in the adult central nervous system.

**Subcellular Location:**

Cell membrane; Lipid-anchor, GPI-anchor. Note: Localized to the surface of neurons, including axons

**Tissue Specificity:**

Predominantly expressed in brain. Expressed at lower levels in kidney, lung, mammary gland, placenta, salivary gland, skeletal muscle and spleen.

**Similarity:**

Belongs to the Nogo receptor family.

Contains 8 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

Contains 1 LRRNT domain.

**SWISS:**

Q86UN2

**Gene ID:**

146760

**Important Note:**

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