

# Anti-p75 NGF Receptor 兔多克隆抗体

**K1346386** -20°C


## 产品信息

蛋白质全称	肿瘤坏死因子受体超家族成员 16
别名	CD271, Gp80 LNGFR, NGF receptor, NGFR, p75, p75 ICD, p75(NTR), p75NTR, TNFRSF16
免疫原	KLH 偶联的小鼠 P75NTR 合成磷酸肽
Uniprot ID	Q9Z0W1
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	46 kDa / 65 kDa

## 应用

### WB 免疫印迹

物种: 人, 小鼠, 大鼠

稀释比: 1: 300-1: 400

阳性样品: PC-12 细胞

## 背景

Low affinity neurotrophin receptor which can bind to mature NGF, BDNF, NTF3, and NTF4. Forms a heterodimeric receptor with SORCS2 that binds the precursor forms of NGF (proNGF), BDNF (proBDNF) and NTF3 (proNT3) with high affinity, and has much lower affinity for mature NGF and BDNF. Plays an important role in differentiation and survival of specific neuronal populations during development. Can mediate cell survival as well as cell death of neural cells. The heterodimeric receptor formed with SORCS2 plays a role in proBDNF-dependent synaptic plasticity, in hippocampal long term depression (LTD) and long term potentiation (LTP). Plays a role in the inactivation of RHOA (By similarity). Plays a role in the regulation of the translocation of GLUT4 to the cell surface in adipocytes and skeletal muscle cells in response to insulin, probably by regulating RAB31 activity, and thereby contributes to the regulation of insulin-dependent glucose uptake. Necessary for the circadian oscillation of the clock genes ARNTL/BMAL1, PER1, PER2 and NR1D1 in the suprachiasmatic nucleus (SCN) of the brain and in liver and of the genes involved in glucose and lipid metabolism in the liver.; (Microbial infection) Cell surface receptor for rabies virus glycoprotein Gs.; [Isoform 2]: Does not bind NGF, BDNF, NTF3, and NTF4.

## 图像



WB 检测 p75 NGF Receptor 蛋白(货号 K1346386).  
 样品: 经 RIPA 裂解液(货号 KSG2002)处理的蛋白质.  
 封闭: 3%脱脂牛奶(货号 KSGC310001)溶于 TBST 溶液,  
 室温孵育 1 小时.  
 一抗: 1: 300 稀释, 4°C 孵育过夜.  
 二抗: HRP 标记山羊抗兔 IgG (H+L) (货号 KB69909), 1:  
 5000 稀释, 室温孵育 1 小时.

## 储存条件

**储存条件:** 自收到之日起 -20°C下储存一年, 避免反复冻融。  
**储存缓冲液:** 含 0.15% ProClin300 防腐剂, 100 μg/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

**For Research Use Only!**
**Ver. No.: V1-202603**