

**NGFR Rabbit mAb**  
**Catalog # AP77343****Specification****NGFR Rabbit mAb - Product Information**

Application	WB, IHC-P, IP, ICC
Primary Accession	<a href="#">P08138</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	45183

**NGFR Rabbit mAb - Additional Information****Gene ID** 4804**Other Names**

NGFR

**Dilution**

WB~~1/500-1/1000

IHC-P~~N/A

IP~~N/A

ICC~~N/A

**Format**

10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

**Storage**

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

**NGFR Rabbit mAb - Protein Information****Name** NGFR**Synonyms** TNFRSF16**Function**

Low affinity receptor which can bind to NGF, BDNF, NTF3, and NTF4. Forms a heterodimeric receptor with SORCS2 that binds the precursor forms of NGF, BDNF and NTF3 with high affinity, and has much lower affinity for mature NGF and BDNF (PubMed:<a href="http://www.uniprot.org/citations/24908487" target="\_blank">24908487</a>). Plays an important role in differentiation and survival of specific neuronal populations during development (By similarity). Can mediate cell survival as well as cell death of neural cells. Plays a role in the inactivation of RHOA (PubMed:<a href="http://www.uniprot.org/citations/26646181" target="\_blank">26646181</a>). 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 (By similarity). Necessary for the circadian oscillation of the clock genes BMAL1, PER1, PER2 and NR1D1 in the suprachiasmatic nucleus (SCmgetaN) of the brain and in liver and of the genes involved in glucose and lipid metabolism in the liver (PubMed:<a href="http://www.uniprot.org/citations/23785138" target="\_blank">23785138</a>). Together with BFAR negatively regulates NF-kappa-B and JNK-related signaling pathways (PubMed:<a href="http://www.uniprot.org/citations/22566094" target="\_blank">22566094</a>).

### Cellular Location

Cell membrane; Single-pass type I membrane protein. Cytoplasm. Perikaryon  
{ECO:0000250|UniProtKB:Q9Z0W1}. Cell projection, growth cone  
{ECO:0000250|UniProtKB:Q9Z0W1}. Cell projection, dendritic spine  
{ECO:0000250|UniProtKB:Q9Z0W1}

### NGFR Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### NGFR Rabbit mAb - Images



