

**NGFR**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80033****Specification**

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**NGFR - Product info**

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

**NGFR - Additional info**

Gene ID	4804
Gene Name	NGFR

**Other Names**

Tumor necrosis factor receptor superfamily member 16, Gp80-LNGFR, Low affinity neurotrophin receptor p75NTR, Low-affinity nerve growth factor receptor, NGF receptor, p75 ICD, CD271, NGFR, TNFRSF16

**Dilution**

IHC-P~~Ready-to-use

IHC~~Ready-to-use

**Storage**

Maintain refrigerated at 2-8°C

**Precautions**

**NGFR Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

**NGFR - Protein Information****Name** NGFR

Synonyms  
Function

**TNFRSF16**  
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). Low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. Can mediate cell survival as well as cell death of neural cells. Necessary for the circadian oscillation of

Cellular Location

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.

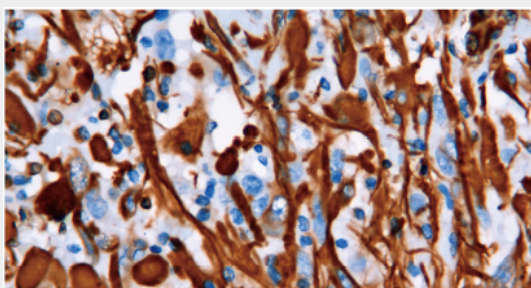
**Membrane; Single-pass type I membrane protein**

## **NGFR - Protocols**

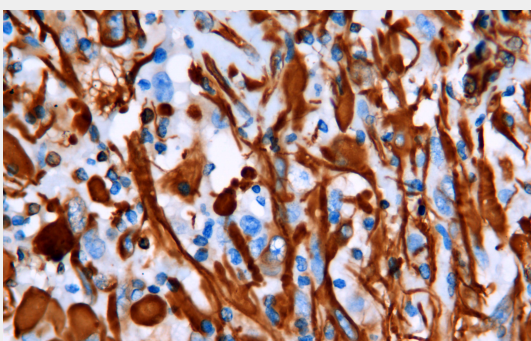
Provided below are standard protocols that you may find useful for product applications.

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

## **NGFR - Images**



Brain glioma



Immunohistochemical analysis of paraffin-embedded glioblastoma tissue using AD80033 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.