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NGFR
Mouse Monoclonal antibody(Mab)
Catalog # AD80033

Specification

NGFR - Product info

Application	**IHC-P, IHC**
Primary Accession	P08138
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	**TNFRSF16**
Function	**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**

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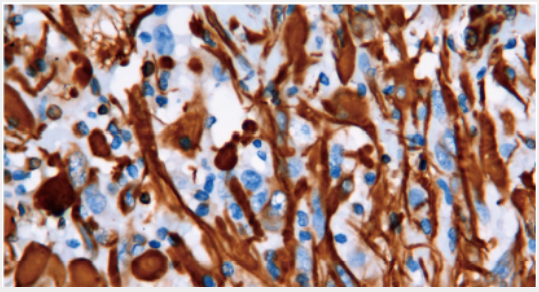
	the clock genes ARNTL/BMAL1, PER1, PER2 and NR1D1 in the suprachiasmatic nucleus (SCN) of the brain and in liver and of the genes involved in glucose and lipid metabolism in the liver.
Cellular Location	**Membrane; Single-pass type I membrane protein**

NGFR - Protocols

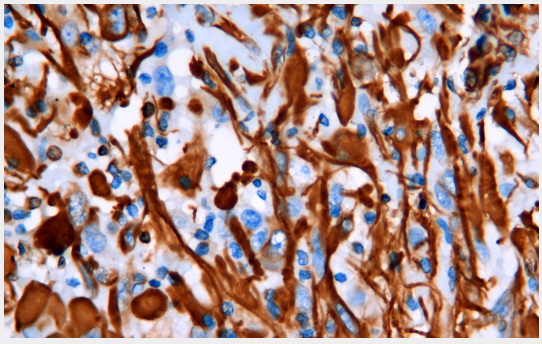
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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. AmpSeeTM Detection Systems□Abcepta:AR005□ was used as the secondary antibody.