

NTF3 rabbit monoclonal antibody

Catalog # H00004908-K Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human NTF3 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human NTF3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| Host | Rabbit |
| Library Construction | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| Expression | Overexpression vector and transfection into 293H cell line. |
| Reactivity | Human |
| Purification | Protein A |
| Isotype | IgG |
| Quality Control Testing | Antibody reactive against human NTF3 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Deliverable | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| Note | 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NTF3

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| Entrez GeneID | 4908 |
| GeneBank Accession# | NTF3 |
| Gene Name | NTF3 |
| Gene Alias | HDNF, MGC129711, NGF-2, NGF2, NT3 |
| Gene Description | neurotrophin 3 |
| Omim ID | 162660 |
| Gene Ontology | Hyperlink |
| Gene Summary | The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse. [provided by RefSeq] |
| Other Designations | - |

Pathway

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Asperger Syndrome](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)

- [Bipolar Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)