

NTF3 mouse monoclonal antibody (hybridoma)

Catalog # H00004908-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NTF3.
Immunogen	NTF3 (NP_002518.1, 1 a.a. ~ 257 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSILFYVIFLAYLRGIQGNMMDQRSLPEDSLNSLIKLIQADILKNKLSKQMVDVKENYQSTLPKAEAP REPERGGPAKSAFQPVIAMDTELLRQQRRYNSPRVLLSDSTPLEPPPLYLMEDYVGSPVVANRT SRRKRYAEHKSHRGEYSVCDSESLWVTDKSSAIDIRGHQVTVLGEIKTGNSPVKQYFYETRCKEA RPVKNGCRGIDDKHWNSQCKTSQTYVRALTSENNKLVGWRWIRIDTSCVCALSRKIGRT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Western Blot (Recombinant protein)
[Protocol Download](#)
- ELISA

Gene Info — NTF3

Entrez GeneID [4908](#)

GeneBank Accession# [NM_002527.3](#)

Protein Accession# [NP_002518.1](#)

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](#)