

ARG43297 anti-Neurotrophin 3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Neurotrophin 3
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Neurotrophin 3
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 174-189 of Human Neurotrophin 3. (TVLGEIKTGNPVKQY)
Conjugation	Un-conjugated
Alternate Names	Nerve growth factor 2; NT3; HDNF; Neurotrophic factor; Neurotrophin-3; NT-3; NGF2; NGF-2

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 27 kDa	

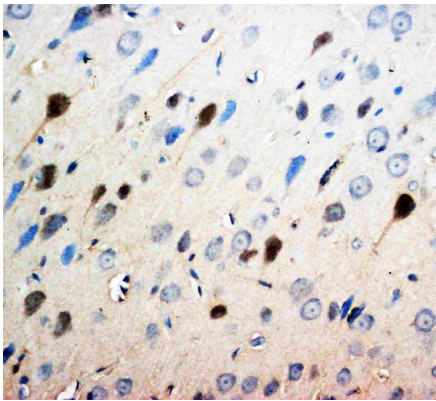
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

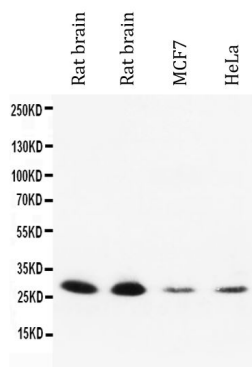
Gene Symbol	NTF3
Gene Full Name	neurotrophin 3
Background	The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may 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, Jul 2008]
Function	Seems to promote the survival of visceral and proprioceptive sensory neurons. [UniProt]
Calculated Mw	29 kDa
Cellular Localization	Secreted. [UniProt]

Images



ARG43297 anti-Neurotrophin 3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain tissue stained with ARG43297 anti-Neurotrophin 3 antibody.



ARG43297 anti-Neurotrophin 3 antibody WB image

Western blot: Rat brain, Rat brain, MCF7 and HeLa cell lysates stained with ARG43297 anti-Neurotrophin 3 antibody.