



Datasheet for ABIN725645

anti-Neurotrophin 3 antibody (AA 19-100)



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2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	Neurotrophin 3 (NTF3)
Binding Specificity:	AA 19-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurotrophin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NT-3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow
Purification:	Purified by Protein A.

Target Details

Target:	Neurotrophin 3 (NTF3)
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Target Details

Alternative Name:	Neurotrophin 3 (NTF3 Products)
Background:	<p>Synonyms: NT3, HDNF, NGF2, NT-3, NGF-2, Neurotrophin-3, Nerve growth factor 2, Neurotrophic factor, NTF3</p> <p>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].</p>
Gene ID:	4908
UniProt:	P20783
Pathways:	RTK Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage: 4 °C,-20 °C

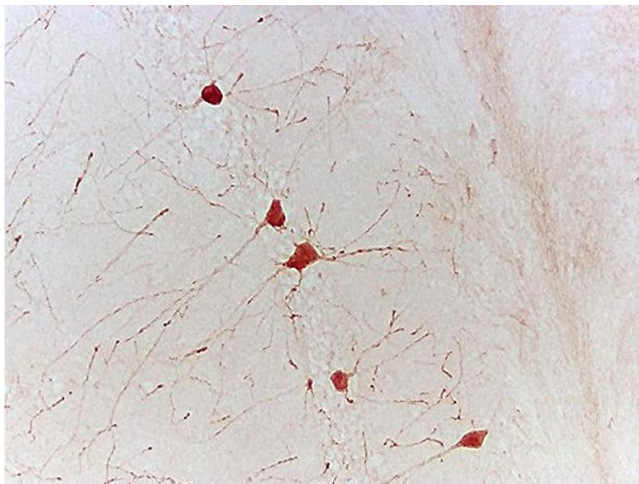
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

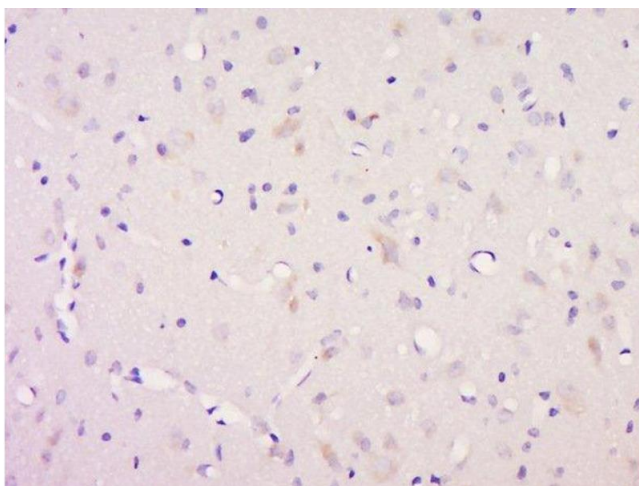
Product cited in: Guo, Cui, Peng, Fang, Zuo, Deng, Wang, Wu, Chen, Deng: "Dietary NiCl₂ causes G₂/M cell cycle arrest in the broiler's kidney." in: **Oncotarget**, Vol. 6, Issue 34, pp. 35964-77, (2015) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Frozen mouse hippocampus tissue labeled with Anti-NT-3 Proprotein Polyclonal Antibody, Unconjugated (ABIN725645) followed by conjugation to the secondary antibody



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded rat brain, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-Neurotrophin 3 Polyclonal Antibody, Unconjugated) at 1:200 overnight at 4°C, followed by a conjugated secondary for 90 minutes and DAB staining